

Checklist and nomenclatural notes on the Chinese Pentatomidae (Heteroptera). II. Pentatominae

D.A. Rider, L.Y. Zheng & I.M. Kerzhner

Rider, D.A., Zheng, L.Y. & Kerzhner, I.M. 2002. Checklist and nomenclatural notes on the Chinese Pentatomidae (Heteroptera). II. Pentatominae. *Zoosystematica Rossica*, 11(1): 135-153.

A checklist of all known Chinese Pentatominae species is presented with synonymous, distributional, and nomenclatural notes. New name: *Eurydema lingi* for *E. montana* Ling, 1989 (junior homonym of *E. dominulus montana* Kerzhner, 1972). New synonymies: *Carbula humerigera* Uhler, 1860 (non auctorum!) = *C. obtusangula* Reuter, 1881; *Menida disjecta* (Uhler, 1860) = *M. scotti* Puton, 1886; *Lakhonia* Yang, 1936 = *Oedocoris* Zheng & Liu, 1987; *Lakhonia nigripes* Yang, 1936 = *Oedocoris eburneus* Zheng & Liu, 1987; *Palomena chapana* (Distant, 1921), sp. dist. (not syn. of *P. unicolorella* Kirkaldy, 1909) = *P. haemorrhoidalis* Lindberg, 1934. The name *Carbula abbreviata* (Motschulsky, 1866) is restored for *C. humerigera* auct. Lectotypes are designated for *Carbula humerigera*, *Menida disjecta*, and *Palomena chapana*.

David A. Rider, Department of Entomology, Box 5346, University Station, North Dakota State University, Fargo, North Dakota 58102, USA.

Le-yi Zheng, Department of Biology, Nankai University, Tianjin 3000071, P.R. China.

I.M. Kerzhner, Zoological Institute, Russian Academy of Sciences, Universitetskaya nab. 1, St. Petersburg 199034, Russia.

Introduction

Part I of this series (Rider & Zheng, 2002) gave a brief history of the taxonomic work on the Chinese pentatomid fauna, and a checklist and nomenclatural notes on the subfamily Asopinae. This second part of the series contains a checklist of all known pentatomid species belonging in the subfamily Pentatominae. Once again, there are many nomenclatural problems in the current literature; this paper attempts to clarify the status of all known species, and to give distributional records for all taxa. There are undoubtedly errors and/or omissions; the authors request that these mistakes be brought to their attention so these lists can be updated. Please note that in the checklist, several species are presented in square brackets. Some of these species have been reported from China in error, or their Chinese records are questionable. These species probably do not occur in China, or at least their existence in China needs verification. Information is given in the following sequence: valid name, synonyms (in parentheses), distribution in China (provinces listed in alphabetic order), distribution outside of China, notes.

Checklist of Chinese Pentatominae

Acesines laticeps Zheng & Liu, 1987a. Jiangxi, Yunnan.
A. tridentatus Xiong & Liu, 1995. Yunnan.

A. trifasciatus Xiong & Liu, 1995. Yunnan.

Acrocorisellus serraticollis (Jakovlev, 1876a) (= *Pentatoma pulchra* Hsiao & Cheng, 1977). Shanxi. Also known from eastern Russia and Korea.

Aednus obscurus Dallas, 1851 (= *A. similis* Haglund, 1868). Hunan, Xizang. India, Myanmar, Japan, Malaysia, and Indonesia.

A. ventralis Dallas, 1852. Fujian, Guangdong, Hainan. Also known from northern India.

Aelia acuminata (Linnaeus, 1758) (= *Cimex rostratus* De Geer, 1773 (unnecessary new name); *C. tessarophthalmus* Schrank, 1781; *Aelia neglecta* Dallas, 1851; *A. burmeisteri* Küster, 1852; *A. pallida* Küster, 1852; *A. turanica* Horváth, 1895; *A. acuminata* f. *nigripes* Wagner, 1938). Sichuan, Xinjiang. Widespread Palaearctic species. — Note: Distribution records of Jilin, Hebei, Shanxi, Shaanxi, Jiangxi, Jiangsu (Yang, 1962) probably belong to other *Aelia* species.

A. chinensis Rider & Rolston, 1995 (= *A. bifida* Hsiao & Cheng, 1977). Nei Mongol, Shanxi, Sichuan. Note: *A. bifida* Hsiao & Cheng (1977) is a primary junior homonym of *A. bifida* Costa (1847), which is now considered a valid species in the genus *Neottiglossa*. Rider & Rolston (1995) proposed *A. chinensis* as a replacement name. Derzhansky (personal communication) has indicated that this species may be a junior synonym of *A. klugii*.

A. fiebleri Scott, 1874 (= *A. nasuta* Wagner, 1960).

Gansu, Hebei, Heilongjiang, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Jilin, Liaoning, Nei Monggol, Shaanxi, Shandong, Shanxi, Sichuan, Xizang, Yunnan, Zhejiang. Also recorded from eastern Russia, Korea, and Japan. – Note: Even though Kerzhner (1978) placed *A. nasuta* as a junior synonym of *A. fiebri*, several modern workers continue to use the name *A. nasuta*; these references should be transferred to *A. fiebri*.

A. furcula Fieber, 1868 (= *A. sinillima* Reuter, 1900). Xinjiang. Known from Afghanistan, Armenia, Austria, Azerbaijan, Greece, Iran, Kazakhstan, Kyrgyzstan, southern Russia, Tajikistan, Turkey, Ukraine, and Yugoslavia.

A. granum Jakovlev, 1903a (= *A. demissa* Kiritshenko, 1914b). Nei Monggol. Also known from Kyrgyzstan and Tadzhikistan. – Note: Derzhansky (personal communication) has indicated that this species may be a junior synonym of *A. klugii*.

A. klugii Hahn, 1833. Nei Monggol. Widespread Palaearctic species.

A. sibirica Reuter, 1884 (= *A. henschi* Montandon, 1886; *A. aspersa* Jakovlev, 1903a). Gansu, Nei Monggol, Ningxia, Qinghai, Shanxi, Xinjiang, Austria, Iran, Italy, Russia, Kazakhstan, Kyrgyzstan, Mongolia, Ukraine.

[**Aeliomorpha lineatocollis** (Westwood, 1837)]. Hainan. Also recorded from Afghanistan, Israel, Syria, India, Sri Lanka, and Pakistan. – Note: The Hainan record (Chen & Huang, 1996) is quite far from any other known record for this species; it needs verification.

A. yunnanensis Zheng & Liu, 1987a. Yunnan.

Aenaria lewisi (Scott, 1874). Fujian, Gansu, Guangxi, Hainan, Hunan, Jiangsu, Jiangxi, Sichuan, Taiwan, Zhejiang. Also known from India, Korea, and Japan.

A. pinchii Yang, 1934. Anhui, Fujian, Guangdong, Guangxi, Guizhou, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Sichuan, Zhejiang.

A. zhangi Chen, 1989. Guangdong.

Aeschrocoris ceylonicus Distant, 1899. Fujian, Guangdong, Guangxi, Guizhou, Hubei, Hunan, Jiangxi, Sichuan, Taiwan, Yunnan, Zhejiang. Also recorded from India and Sri Lanka.

A. obscurus (Dallas, 1851). Fujian, Hunan, Yunnan, Zhejiang, India, Sri Lanka, Myanmar, Indonesia (Java).

[**A. rugulosus** (Distant, 1921)]. Vietnam. – Note: Distant (1921) described this species from Vietnam. Tang (1935) listed China (without specific location); he probably was repeating Hoffmann's (1932a) listing of *rugulosa* from China (but Hoffmann's list of Chinese Pentatomidae also included those from Korea and Indo-China). No one has reported a specific record of this species from China.

A. tuberculatus (Stål, 1865). Fujian, Hunan, Zhejiang. Also known from India and Myanmar.

Agaeus longirostris Lin & Zhang, 1984. Yunnan.

A. mimus Distant, 1887. Jiangxi, Yunnan. Also recorded from India and Vietnam.

A. tessellatus Dallas, 1851. Hainan. Also recorded from India, Myanmar, and Vietnam.

Agathocles limbatus Stål, 1876. Fujian. Originally described from India.

A. yunnanensis Zhang & Lin, 1984. Yunnan.

Agonoscelis femoralis Walker, 1868. Guangxi, Guizhou, Yunnan. Also known from India, Sri Lanka, Myanmar, and Vietnam.

A. nubilis (Fabricius, 1775) (= *Pentatomia grata* Palisot de Beauvois, 1811; *Agonoscelis indica* Spinola, 1837; *Aelia crucifera* Westwood, 1837; *Nevroscia sulciventris* Ellenrieder, 1862). Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hunan, Jiangxi, Sichuan, Xizang, Yunnan, Zhejiang. Occurs from Pakistan, India, and Sri Lanka eastward through China and southeast Asia to Japan, the Philippines, and Indonesia.

Alcimocoris coronatus (Stål, 1876). Guangdong, Hainan, Yunnan. Also recorded from India, Myanmar, and Vietnam.

A. flavicornis (Distant, 1887). Yunnan. Originally described from northern India.

A. japonensis (Scott, 1880). Jiangsu, Shanxi, Taiwan, Zhejiang. Also reported from Japan and Korea.

A. potanini Horváth, 1892. Gansu, Shaanxi.

Ambiorix aeenescens Stål, 1876. Xizang. Originally described from India.

Amblycara gladiatoria Stål, 1876. Also recorded from India, Sri Lanka, Japan, the Philippines, and Australia.

Amyntor unicolor (Walker, 1867) (= *Halys obscura* Dallas, 1849 (preoccupied); *Oestopis terra* Distant, 1879a). Gansu, Guangxi, Guizhou, Jiangxi, Sichuan, Yunnan. Also recorded from Bhutan, India, and Vietnam.

Note: *Halys obscura* Dallas, 1849, is a junior primary homonym of *Halys obscura* Westwood, 1837 (which is now a species in the genus *Sarju*). The next available name is *Bolaca unicolor* Walker, 1867 (see Rider & Rolston, 1995). All known records of *A. obscurus* should be referred to *A. unicolor*.

Anaca fasciata (Distant, 1900a). Fujian, Guangdong, Jiangxi, Yunnan. Also known from India and Sri Lanka.

A. florens (Walker, 1867) (= *Hyllus aeruginosus* Hagnlund, 1868). Fujian, Guangdong, Hainan, India and Sri Lanka, southeast Asia, Malaysia, Indonesia.

[**A. punctiventris** Breddin, 1904]. China?, Vietnam. –

Note: This species is only doubtfully included in the Chinese fauna. Breddin (1904) originally described this species from Vietnam; Kirkaldy (1910) gave a record of China in double brackets. This was repeated by Hoffmann (1935) and Tang (1935). There has been no verified record from a specific locality in China.

Antestiopsis anchora (Thunberg, 1783) (= *Strachia pardalis* Walker, 1867; *S. platyspila* Walker, 1867). Guangdong, Guangxi, Hainan, Xizang, Yunnan. Bangladesh and India eastward through China and southeast Asia to Japan, Malaysia, and Indonesia. – Note: Leston (1952) described the genus *Antestiopsis*, and designated *anchora* as type species. Although several African species have been placed in this genus, most workers from the Indian and Oriental regions continue to refer to this species as *Antestia anchora*.

A. cruciata (Fabricius, 1775) (= *Pentatomia pantherina* Westwood, 1837; *Strachia geometrica* Nietner, 1861; *S. velata* Walker, 1867; *S. subacta* Walker, 1867; *Plautia picturata* Distant, 1918). Yunnan. Pakistan, India, Sri Lanka eastward through southeast Asia to the Philippines and Indonesia. – Note: Leston (1952) also placed this species in his newly erected genus *Antestiopsis*. Several African workers have referred to *cruciata* in *Antestiopsis*, but most workers from India and from China continue to refer to this species as *Antestia cruciata*.

Antheminia aliena (Reuter, 1891) (= *Carpocoris laticollis* Jakovlev, 1905). Nei Monggol. Also reported from Belarus, Estonia, Mongolia, Russia, and Korea.

A. eurynota eurynota Horváth, 1908 (= *Carpocoris oshanini* Kiritshenko, 1952). Xinjiang. Also recorded from Kyrgyzstan, Tajikistan, and Mongolia.

A. lindbergi (Tamanini, 1962). Gansu, Nei Monggol, Qinghai, Shaanxi, Shanxi. Also known from Mongolia and eastern Russia.

A. lunulata (Goeze, 1778) (= *Cimex lynx* Fabricius, 1794; *Carpocoris lynx* var. *decolor* Ferrari, 1874; *C. lunulatus* var. *pallidior* Kirkaldy, 1909; *C. lunulatus* var. *nigricornis* Kormilev, 1936). Xinjiang. Widespread Palaearctic species. – Note: The northern China records of Yang, 1962 (Beijing, Hebei, Heilongjiang, Henan, Jilin, Nei Monggol, Shanxi) probably refer to other *Antheminia* species.

A. mongolica (Kerzhner & Josifov, 1966). Nei Mongol. Originally described from Mongolia.

A. pusio pusio (Kolenati, 1846) (= *Mormidea helianthemi* Garbiglietti, 1869; *Carpocoris kirgisicus* Jakovlev, 1905; *C. bergi* Jakovlev, 1905; *C. absinthii orientalis* Horberlandt, 1956). Xinjiang. Widespread Palaearctic species.

A. pusio longiceps (Reuter, 1884) (= *Codophila pusio esakii* Tamanini, 1962). Hebei, Jilin, Liaoning, Nei Mongol, Shaanxi, Shanxi, Xinjiang. Also known from Mongolia and eastern Russia.

A. varicornis (Jakovlev, 1874c) (= *Dolycoris baicalensis* Jakovlev, 1894; *D. varicornis montandoni* Sienkiewicz, 1954). Hebei, Heilongjiang, Nei Mongol, Qinghai, Shaanxi, Shanxi, Xinjiang. Occurs from eastern and southern Europe eastward to Korea. – Note: Many workers continue to include this species in the genus *Codophila*.

Axiagastus mitescens Distant, 1901b. Fujian, Guangdong, Hainan. Also known from southeast Asia and the Philippines.

A. rosmarus Dallas, 1851. Fujian, Guangdong, Jiangxi, Taiwan, Zhejiang. Also recorded from India, Japan, southeast Asia, Philippines, Indonesia, New Guinea, and northern Australia.

Bagrada hilaris (Burmeister, 1835) (= *Cimex pictus* Fabricius, 1775 (preoccupied); *C. hebraicus* Germar, 1838; *C. jucundus* Klug, 1845; *Bagrada cruciferarum* Kirkaldy, 1909). Sichuan, Xinjiang, Yunnan. Widespread southern Palaearctic species, also occurring throughout Africa, and in India, Sri Lanka, and Myanmar. – Note: This species was originally described as *Cimex pictus* Fabricius, 1775, which is a junior primary homonym of *C. pictus* Drury, 1773, a species in the Coreidae. Kirkaldy (1909) proposed *Bagrada cruciferarum* as a replacement name, but there were several earlier names available. The oldest available name is *Cimex hilaris* Burmeister, 1835, which was originally synonymised with *C. pictus* by Horváth (1909); this synonymy has been recently confirmed (Linnavuori, 1975). All records of *Bagrada cruciferarum* should be referred to this species.

B. kaufmanni (Oshannin, 1871) (= *B. kaufmanni* var. *pallida* Kiritschenko, 1914b). Xinjiang. Also known from Afghanistan, Iran, Kazakhstan, Tajikistan, Turkmenistan, and Uzbekistan.

B. qinlingensis Zheng, 1982. Shaanxi.

B. stolata Horváth, 1936 (= *B. stolata* var. *quadrimaculata* Horváth, 1936). Xinjiang. Also known from Bulgaria, Czech Republic, Greece, Hungary, Italy, Kazakhstan, Kyrgyzstan, Romania, Russia (south of European territory), Slovakia, Turkey, and Ukraine. – Note: The *Bagrada* sp. illustrated by Yang (1964: 101, pl. VI, fig. 53) is this species; also there is a specimen of *B. stolata* from China, Xinjiang (Künes River), in the Zoological Institute, Russian Academy of Sciences, St.Petersburg.

Bathycoelia scutellata Zheng & Liu, 1987a. Yunnan.

B. sinica Zheng & Liu, 1987a. Guangdong.

Belopis unicolor Distant, 1879a. Guangdong, Guizhou, Yunnan. Also recorded from India and Myanmar.

Brachymna bificeps Chen, 2000. Guangdong.

B. castanea Lin & Zhang, 1993. Fujian, Jiangxi.

B. humerata Chen, 1989. Guangdong.

B. tenuis Stål, 1861 (= *Balsa extenuata* Walker, 1867). Anhui, Fujian, Guangdong, Guizhou, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Sichuan, Yunnan, Zhejiang.

Brachynema germarii (Kolenati, 1846) (= *Cimex virens* Klug, 1845 (preoccupied); *Pentatomma anabasis* Becker, 1867; *Rhaphigaster bipлага* Walker, 1867; *Oncoma germarii* var. *flavomarginatus* Jakovlev, 1871; *O. germarii* var. *griseus* Jakovlev, 1871; *Brachynema melanota* Jakovlev, 1874b; *B. virens* var. *alternatum* Horváth, 1899). Gansu, Hebei, Nei Mongol, Ningxia,

Qinghai, Shaanxi, Xinjiang, Xizang. Widespread Palaearctic species.

B. signatum Jakovlev, 1879 (= *B. turanicum* Horváth, 1889b; *B. signatum* var. *immaculiscutum* Kiritschenko, 1922). Xinjiang. Also known from Armenia, Azerbaijan, Iran, Kazakhstan, Turkey, and Turkmenistan.

Cahara tibetana Zheng & Liu, 1986. Xizang.

Cappaea taprobanensis (Dallas, 1851) (= *C. multilinea* Ellenrieder, 1862). Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hubei, Hunan, Jiangxi, Sichuan, Taiwan, Yunnan. Also reported from India, Sri Lanka, Bangladesh, Myanmar, and Indonesia.

C. tibialis Hsiao & Cheng, 1977. Shandong. – Note: This may actually be a species of *Homalognonia*.

Carbula abbreviata (Motschulsky, 1866) (= *Pentatomma humerigera*: of authors (not Uhler, 1860); *Arma japonica* Walker, 1868). Jilin. Described from Japan; also known from Korea and eastern Russia. – Note: We have examined the type material (a single female specimen) of *Pentatomma humerigera* Uhler, 1860, and have determined that it is not conspecific with what most workers have called *C. humerigera*. The humeral angles are not spinose. They are rounded and quite prominent, but not as narrowly rounded as in *C. crassiventris* (Dallas, 1849). Uhler's specimen most closely resembles either *C. putoni* (Jakovlev, 1876) or *C. obtusangula* Reuter, 1881. Specimens of *C. putoni* have the head and anterior areas of the pronotal disk shiny aeneous black, contrasting with the dark brown of the remainder of the dorsum; specimens of *C. obtusangula* are more uniformly dark brown. The coloration of the type specimen of *C. humerigera* is more uniformly dark brown. The descriptions of both *C. abbreviata* and *C. japonica* indicate that the humeral angles are spinose as in this species. See also comments under *C. humerigera*.

C. crassiventris (Dallas, 1849). Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hainan, Heilongjiang, Hubei, Hunan, Jiangsu, Jiangxi, Shaanxi, Shanxi, Sichuan, Taiwan, Xizang, Yunnan, Zhejiang. Also known from Bhutan, India, Myanmar, and Japan (Okinawa, Ryukyu Islands, Tokara Islands).

C. eoa Bergroth, 1891. Sichuan.

C. humerigera (Uhler, 1860) (= *C. obtusangula* Reuter, 1881b, syn. n.). Anhui, Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hebei, Henan, Hubei, Hunan, Jiangxi, Qinghai, Shaanxi, Shanxi, Sichuan, Yunnan, Zhejiang. Also known from Japan (the Ryukyu Islands).

– Note: We have examined the type material of *C. humerigera* (Uhler, 1860), and it appears to be conspecific with *C. obtusangula* Reuter, 1881. The humeral angles are prominent, but they are rounded, not spinose apically; the overall coloration is rather uniform dark brown, not distinctly darker on the head and anterior disk of pronotum. See also comments under *C. abbreviata*. It is not possible to tell how many specimens Uhler originally had when he made his description, so the one female specimen located is here designated lectotype. It has the following label data: a) "PRUhler Collection"; b) [red square label with no writing]; c) "Pentatomma humerigera Uhler Tokanosima"; and d) *Pentatomma humerigera* Uhl. Toka. Det UHLER". This specimen is conserved in the U.S. National Museum, Washington, D.C.

C. indica (Westwood, 1837) (= *C. fusca* Distant, 1887). Sichuan, Xizang. Also recorded from India and Nepal.

C. insocia (Walker, 1868)]. Macao. Described from India, and also known from Pakistan. – Note: The Macao record (Kirkaldy 1910) needs verification. Kirkaldy was unsure of his determination as evidenced from his statement: "If I have rightly identified this, it is not a *Carbula*."

C. maculata Hsiao & Cheng, 1977. Sichuan, Yunnan.

C. producta Distant, 1901a. Yunnan. Also recorded from India and Myanmar.

C. putoni (Jakovlev, 1876b) (= *C. amurensis* Reuter, 1881b). Beijing, Hebei, Heilongjiang, Liaoning, Shandong, Shanxi, Sichuan, Xinjiang. Also known from eastern Russia and Korea.

C. scutellata Distant, 1887. Guangdong, Guizhou, Yunnan. Also known from India and Myanmar.

C. sinica Hsiao & Cheng, 1977. Gansu, Hubei, Hunan, Jiangxi, Shanxi, Sichuan, Zhejiang.

Carpocoris coreanus Distant, 1899 (= *C. iranus* Tamanini, 1958). Gansu, Nei Monggol, Ningxia, Qinghai, Shaanxi, Xinjiang. Also known from Afghanistan, Armenia, Azerbaijan, Georgia, Iran, Iraq, Israel, Kazakhstan, Kyrgyzstan, Mongolia, Russia (lower Volga and Siberia), Tajikistan, Turkey, Turkmenistan, Uzbekistan, and Pakistan.

C. fuscispinus (Boheman, 1850) (= *Pentatoma hahni* Flor, 1856; *Carpocoris fuscispinus* var. *rugicollis* Seabra, 1925; *C. fuscispinus* var. *subrufus* Seabra, 1925; *C. fuscispinus* var. *flavescens* Seabra, 1925; *C. fuscispinus* var. *infuscatus* Seabra, 1925). Nei Monggol, Xinjiang. Widespread Palaearctic species.

[**C. pudicus** (Poda, 1761)] (= *Cimex cinctus* Schrank, 1776 (preoccupied); *C. incarnatus* Goeze, 1778 (preoccupied; part); *C. carneus* Gmelin, 1790; *Pentatoma wilkinsonii* Westwood, 1837; *P. pallida* Dallas, 1851; *Carpocoris pudicus* var. *atroscutellatus* Halász, 1955). Western Palaearctic (see note below). – Note: This species has been recorded from many Chinese provinces, but according to Derzhansky (1990), *C. pudicus* is distributed in W Palaearctic only. The Chinese records of this species are probably misidentifications of other *Carpocoris* species, especially *C. purpureipennis*.

C. purpureipennis (De Geer, 1773) (= *Cimex nigricornis* Fabricius, 1775; *C. incarnatus* Goeze, 1778 (preoccupied; part); *C. porphyropterus* Gmelin, 1790; *Carpocoris tarsata* Mulsant & Rey, 1866; *C. nigricornis* var. *pyrosoma* Westhoff, 1884; *C. pudicus* var. *fumarius* Stichel, 1924). Gansu, Hebei, Heilongjiang, Jilin, Liao-ning, Nei Monggol, Ningxia, Qinghai, Shaanxi, Shandong, Shanxi, Xinjiang. Widespread Palaearctic species.

C. seidenstueckeri Tamanini, 1959. Beijing, Jilin, Liaoning, Nei Monggol, Shandong, Shanxi. Also known from Mongolia, eastern Russia, and Korea.

Catacanthus incarnatus (Drury, 1773) (= *Cimex nigripes* Fabricius, 1775 (preoccupied); *C. aurantius* Sulzer, 1776; *C. melanopus* Gmelin, 1790). Guangdong, Hainan, Jiangxi, Yunnan. Pakistan, India, and Sri Lanka eastward through China and southeast Asia to Korea, Japan, the Philippines, and Indonesia.

Caystrus obscurus (Distant, 1901a). Guizhou, Hainan, Jiangxi, Xizang, Yunnan. Also known from Pakistan, India, and Myanmar.

C. orientalis Zhang & Lin, 1985. Fujian, Jiangxi.

Cellobius abdominalis Jakovlev, 1885 (= *C. abdominalis* var. *ferrugatus* Horváth, 1889b; *Brachynema ruficornis* Reuter, 1900; *Cellobius gentilis* Jakovlev, 1901). Gansu, Nei Monggol, Xinjiang. Also recorded from Afghanistan, Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Turkmenistan, and Uzbekistan.

Cervicoris omeiensis Hsiao & Cheng, 1977. Sichuan.

Chlorochroa juniperina (Linnaeus, 1758) (= *Cimex flavoviridis* Goeze, 1778; *C. tricolor* Gmelin, 1790 (preoccupied); *C. unicolor* Turton, 1802 (preoccupied); *Pentatoma confusa* Westwood, 1837). Nei Monggol. Widespread Palaearctic species.

Codophila maculicollis (Dallas, 1851) (= *Pentatoma arabica* Stål, 1854). Xinjiang. Northern Africa, Middle East, India.

C. varia (Fabricius, 1787) (= *Cimex lunula* Fabricius, 1794; *C. eryngii* Germar, 1814 (preoccupied); *Carpocoris bilunulata* Kolenati, 1846; *C. bilunulata* var. *persicae* Kolenati, 1846; *C. bilunulata* var. *nubica* Kolenati, 1846; *Pentatoma laborans* Costa, 1847; *P. distinguenda* Costa, 1847). Xinjiang. Widespread Palaearctic species.

Cratonotus coloratus Distant, 1879a. Guangdong. Described from northeastern India, and reported from Myanmar.

Cresphontes monsoni (Westwood, 1837) (= *C. nigromaculatus* Haglund, 1868). Yunnan. Also known from India.

Critheus indicus (Distant, 1900c). Yunnan. Also reported from India and Myanmar. – Note: Ghauri (1963) reviewed the genus *Critheus* and placed *Fernelius* as a junior synonym, thus creating the new combination *Critheus indicus*. No one has followed these changes; all records of this species have still been under the combination *Fernelius indicus*.

C. lineatifrons Stål, 1869. Guangdong, Guangxi, Hainan. Originally described from Myanmar, and also known from India, Thailand, and Vietnam.

Dabessus albovittatus Hsiao & Cheng, 1977. Guangdong, Hainan.

D. malayanus (Distant, 1900b). Guangdong, Hainan. Described from Malaysia, and also known from Laos and the Philippines.

Dalpada cinctipes Walker, 1867. Anhui, Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hainan, Hebei, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Shanxi, Sichuan, Taiwan, Yunnan, Zhejiang. Also recorded from Korea and Japan.

D. distincta Hsiao & Cheng, 1977. Anhui, Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hainan, Hebei, Henan, Hunan, Jiangsu, Jiangxi, Shanxi, Sichuan, Zhejiang.

D. maculata Hsiao & Cheng, 1977. Guangdong, Hainan, Hubei.

D. neoclavata Rider, 1998 (= *Cimex clavatus* Fabricius, 1798 (preoccupied)). Xizang. Described from India, and also known from Sri Lanka and southeast Asia.

D. nodifera Walker, 1867. Guangdong, Guangxi, Hainan, Jiangsu. Also reported from India, Japan, Myanmar, Malaysia, and Indonesia. – Note: Distant (1899) considered this to be a junior synonym of *D. oculata* (Fabricius, 1775); China (1928) determined it to be a good species.

D. oculata (Fabricius, 1775) (= *D. aspersa* Ellenrieder, 1862). Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hunan, Jiangsu, Sichuan, Yunnan, Zhejiang. India, Korea, Japan, southeast Asia, Malaysia, Indonesia.

D. perelegans Bredtin, 1904. Guangdong, Guangxi, Sichuan, Xizang, Yunnan. Also recorded from Vietnam.

D. smaragdina (Walker, 1868) (= *Amasenoides virescens* Shiraki, 1913). Anhui, Fujian, Gansu, Guangdong, Guangxi, Guizhou, Heilongjiang, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Shanxi, Sichuan, Taiwan, Xizang, Yunnan, Zhejiang.

Dendrites kershawi Kirkaldy, 1909. Guangdong. Also reported from Vietnam. – Note: The Guangdong record of Wu (1933) needs verification.

Desertomenida albula Kiritshenko, 1914a. Nei Mongol. Also recorded from Iran, Kazakhstan, Kyrgyzstan, Turkmenistan, Uzbekistan, and Mongolia.

D. quadrimaculata (Horváth, 1892). Gansu, Nei Monggol, Xinjiang. Also known from Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Turkey, and Turkmenistan.

Dolycoris baccarum (Linnaeus, 1758) (= *Cimex subater* Harris, 1780; *C. albidus* Gmelin, 1790 (preoccupied); *Aelia depressa* Westwood, 1837; *Pentatoma confusa* Westwood, 1837; *P. inconcisa* Walker, 1867; *Dolycoris*

baccarum var. *brevipilis* Reuter, 1891). Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hainan, Hebei, Heilongjiang, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Jilin, Liaoning, Nei Monggol, Ningxia, Qinghai, Shaanxi, Shandong, Shanxi, Sichuan, Xinjiang, Xizang, Yunnan, Zhejiang. Widespread Palaearctic species.

D. formosanus Distant, 1887. Taiwan.

D. indicus Stål, 1876. Sichuan, Xizang, Yunnan. Afghanistan, Pakistan, India, Sri Lanka, Myanmar.

D. penicillatus Horváth, 1904. Xinjiang, Xizang. Middle East to western Siberia.

Drinostia angulata Hsiao & Cheng, 1977. Sichuan.

D. fissipes Stål, 1865. Fujian, Hunan, Jiangsu, Jiangxi, Zhejiang. – Note: Stål (1865) originally spelled this species *fissipes*, but everyone since has spelled it *fissiceps*.

D. megacephala Zheng & Liu, 1987b. Guizhou.

D. planiceps Stål, 1861. Guangdong.

Dunnius fulvescens (Dallas, 1851). Guizhou, Hainan, Yunnan. Also known from India and Myanmar.

D. minor Zheng & Liu, 1987a. Yunnan.

Dymantisca alticola (Cheng & Li, 1979). Xizang.

D. marginatus Hsiao, 1981. Xizang.

Erthesina fullo (Thunberg, 1783) (= *Cimex mucoreus* Fabricius, 1794; *Dalpada japonica* Walker, 1867). Anhui, Beijing, Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hainan, Hebei, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Liaoning, Nei Monggol, Shaanxi, Shandong, Shanxi, Sichuan, Taiwan, Xinjiang, Yunnan, Zhejiang. Also from Afghanistan, Pakistan, India, and Sri Lanka eastward through China and southeast Asia to Japan and Indonesia.

E. ilia China, 1925. Fujian, Shandong, Yunnan, Zhejiang. – Note: This may possibly be a synonym of *E. fullo*.

Eurydema alpina Ling, 1989. Sichuan.

E. dominulus (Scopoli, 1763) (= *Cimex cordiger* Goeze, 1778; *Pentatoma fimbriolatum* Germar, 1834; *Eurydema daurica* Motschulsky, 1860; *Strachia minuscula* Walker, 1867; *S. festiva* var. *albiventris* Jakovlev, 1876a; *Eurydema dominulus* var. *schirmeri* Schumacher, 1911b; *E. dominulus* var. *immaculata* Stichel, 1924). Fujian, Guangxi, Guizhou, Hainan, Hebei, Heilongjiang, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Jilin, Nei Monggol, Shaanxi, Shandong, Shanxi, Sichuan, Xizang, Yunnan, Zhejiang. Widespread Palaearctic species. – Note: Many early authors used *festiva* for the specific name for this species; *festiva* Linnaeus (1767) is actually a junior synonym of *E. ornata*. See also note under *E. maracandica*.

E. sieberi Fieber, 1837 (= *Pentatoma ornata schaefferi* Gorski, 1852; *Strachia meyeri* Fieber, 1861; *S. dominula* var. *caucasica* Jakovlev, 1874a; *S. scutellata* Jakovlev, 1883; *Eurydema sieberi* var. *melanogaster* Horváth, 1917). Xinjiang. Widespread Palaearctic species.

E. gebleri Kolenati, 1846 (= *Strachia picturata* Stål, 1858; *Eurydema gebleri* var. *tsherskii* Reuter, 1910). Anhui, Gansu, Hebei, Heilongjiang, Henan, Hubei, Jiangsu, Jilin, Liaoning, Shaanxi, Shandong, Shanxi, Sichuan, Xizang, Yunnan. Also known from Kazakhstan, Russia, Mongolia, and Korea.

E. lingi nom. n. (= *E. montana* Ling, 1989 (preoccupied)). Sichuan. – Note: *E. montana* Ling, 1989, is a junior primary homonym of *E. dominulus montana* Kerzhner, 1972b, which is still considered to be a valid subspecies of *E. dominulus*.

E. liturifera (Walker, 1867) (= *E. vicaria* Horváth, 1889a; *E. vicaria* var. *supplens* Horváth, 1889a; *E. liturifera* var. *hypomelan* Breddin, 1907; *E. liturifera* var. *hypopoeila* Breddin, 1907; *E. liturifera* var. *yunnanensis* China, 1925). Xizang, Yunnan. Also recorded from Pakistan, Sri Lanka, and Myanmar.

E. maracandica Oshanin, 1871. Gansu, Nei Monggol, Qinghai, Xinjiang. Also known from Afghanistan, Iran, Kazakhstan, Kyrgyzstan, Mongolia, southern Russia, Tajikistan, Turkmenistan, and Uzbekistan. – Note: Many of the Chinese records under the combination *E. festiva* and *E. festiva* var. *chlorotica* may actually be misidentifications of this species.

E. oleracea (Linnaeus, 1758) (= *Cimex dubius* Scopoli, 1763; *C. flavatus* Schrank, 1776; *C. albomarginatus* Schrank, 1776; *C. flavomaculatus* Goeze, 1778; *C. albomarginatus* Fabricius, 1794; *Eurydema oleracea* var. *angularis* Kolenati, 1846; *Pentatoma oleracea* var. *zetterstaedtii* Gorski, 1852; *Strachia lineola* Baerensprung, 1858; *S. oleracea* var. *insidiosa* Mulsant & Rey, 1866; *S. consobrina* Puton, 1871; there are at least 27 more varietal names proposed for various colour forms of this species). Xinjiang. Widespread Palaearctic species. – Note: The records of *E. rugulosa* (Yang 1962 and others) are misidentifications of this species.

E. ornata (Linnaeus, 1758) (= *Cimex festivus* Linnaeus, 1767; *Pentatoma pictum* Herrich-Schäffer, 1833; *P. decoratum* Herrich-Schäffer, 1833; *Eurydema pustulata* Fieber, 1837; *E. pictum* var. *conjuncta* Kolenati, 1846; *Cimex fallax* Scholtz, 1847; *Eurydema ornata falleni* Gorski, 1852; *Cimex umbralis* Gistel, 1857; there are at least 13 more varietal names proposed for various colour forms of this species). Beijing, Gansu, Henan, Ningxia, Qinghai, Xinjiang, Xizang, Yunnan. Widespread Palaearctic species.

E. pulchra (Westwood, 1837) (= *E. sumatrana* Ellenrieder, 1862; *Strachia designata* Walker, 1867; *Eurydema amoena* Horváth, 1879). Guangdong, Hainan, Hebei, Jiangsu, Jiangxi, Taiwan, Yunnan. Occurs from India through China to Korea and Japan, and through southeast Asia, Indonesia to northern Australia. – Note: Zheng (1983) indicated that this might only be a colour variety of *E. dominulus*.

E. rugosa Motschulsky, 1861 (= *Strachia signatum* Walker, 1867; *S. marginifera* Walker, 1867). Beijing. Also known from eastern Russia (Sakhalin, Kunashir) and Japan.

E. ventralis Kolenati, 1846 (= *Pentatoma ornata hofmannseggii* Gorski, 1852; *Strachia ornata* var. *pectoralis* Fieber, 1861; *S. ornata* var. *dissimilis* Fieber, 1861; Tamanini (1957) proposed nine more varietal names for various color forms of this species, three of which were preoccupied so he (Tamanini 1961) later proposed replacement names). Nei Monggol, Sichuan, Xinjiang. Widespread Palaearctic species. – Note: Early workers often referred to this species under the specific epithet *ornata*. These were all misidentifications.

E. wilkinsi Distant, 1879a (= *Strachia conspicua* Jakovlev, 1881). Nei Monggol, Ningxia, Xinjiang. Also known from Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Turkmenistan, and Uzbekistan.

Euryaspis flavescentis Distant, 1911. Anhui, Fujian, Guizhou, Hebei, Hubei, Hunan, Jiangsu, Jiangxi, Zhejiang. Also recorded from the Philippines and Indonesia (Borneo). – Note: The original spelling of the genus name is *Euryaspis* Signoret, but many workers continue to use the unjustified emended form *Euryaspis*.

Exithemus assamensis Distant, 1902. Fujian, Guangdong, Guizhou, Hunan, Sichuan, Zhejiang. Originally described from northern India.

Eysarcoris aeoneus (Walker, 1867) (= *Hoplistodera schwaneri* Vollenhoven, 1868). Jiangxi. Described from Borneo, and also reported from Myanmar.

E. aeneus (Scopoli, 1763) (= *Cimex fucatus* Rossi, 1790; *C. perlatus* Fabricius, 1794; *Eysarcoris perlatus* var. *spinicollis* Puton, 1881; *E. perlatus* var. *ventralis* Horváth, 1882 (preoccupied); *E. parva* Uhler, 1896; *E.*

aeneus f. nigriventris Stichel, 1962). Gansu, Heilongjiang, Jilin, Nei Mongol, Shanxi. Widespread Palaearctic species. – Note: Josifov & Kerzhner (1978) placed *parva* as a junior synonym of this species, yet references to *E. parvus* persist.

E. annamita (Breddin, 1909). Anhui, Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hainan, Hubei, Hunan, Jiangsu, Jiangxi, Shanxi, Sichuan, Xizang, Yunnan, Zhejiang. Also recorded from Korea, Japan, and Vietnam.

E. gibbosus Jakovlev, 1904b. Fujian, Heilongjiang, Jiangxi, Jilin, Nei Mongol, Shaanxi, Sichuan. Described from Korea, and also recorded from eastern Russia, Japan, and Vietnam. – Note: This species has often been confused with *E. venustissimus*, a western Palaearctic species. Chinese records of *E. venustissimus*, or its synonyms (*melanocephalus*, *fabricii*), should be referred to this species.

E. guttiger (Thunberg, 1783) (= *Pentatoma nepalensis* Westwood, 1837; *P. punctipes* Westwood, 1837 (preoccupied); *Eysarcoris potanini* Jakovlev, 1890; *E. brevisculus* Jakovlev, 1902a; *Bainbridgeanus fletcheri* Distant, 1918). Anhui, Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hainan, Hebei, Heilongjiang, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Liaoning, Nei Mongol, Ningxia, Shaanxi, Shandong, Shanxi, Sichuan, Taiwan, Xizang, Yunnan, Zhejiang. Occurs from Nepal, India, and Sri Lanka eastward through China and southeast Asia to Korea, Japan, and the Philippines. – Note: *Stollia* Ellenrieder has for quite some time been considered a junior synonym of *Eysarcoris*, but we still see an occasional reference to this species as *Stollia guttiger*.

E. latus Walker, 1868. Taiwan.

E. montivagus (Distant, 1902). Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hainan, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Sichuan, Yunnan, Zhejiang. Also known from Afghanistan, Pakistan, India, Sri Lanka, and southeast Asia. – Note: Several recent records have been under the combination *Stollia montivagus*.

E. pustulatus Walker, 1868. Taiwan.

E. rosaceus Distant, 1901a. Guangdong, Guangxi, Sichuan, Taiwan, Xizang, Yunnan. Described from Myanmar, and also recorded from Vietnam. – Note: A couple recent records have been under the name *Stollia rosaceus*.

E. trigonus (Kiritschenko, 1931). Sichuan, Xizang. – Note: Once again, recent records of this species have been under *Stollia trigonus*.

E. ventralis (Westwood, 1837) (= *Pentatoma inconspicuum* Herrich-Schäffer, 1844; *Eysarcoris distactus* Dallas, 1851; *E. misellus* Stål, 1853; *E. helferi* Fieber, 1861; *Stollia rectipes* Ellenrieder, 1862; *Eysarcoris epistomalis* Mulsant & Rey, 1866; *E. mayeti* Mulsant & Rey, 1868; *E. pseudoaeneus* Jakovlev, 1869; *E. inconspicuum* var. *simplex* Puton, 1881; *E. scutellaris* Jakovlev, 1885; *E. eugenii* Jakovlev, 1900; *E. sindellus* Distant, 1902; *E. schmidti* Jakovlev, 1902a; *E. inconspicuum* var. *kwan-vonensis* Yang, 1934; *E. tangens* Stichel, 1961). Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hebei, Henan, Hubei, Jiangxi, Shanxi, Taiwan, Zhejiang. Widespread Palaearctic species, also occurring in Africa, the Indian region, southeast Asia, Indonesia, and the Philippines. Also has been introduced into Hawaii.

[**E. venustissimus** (Schrank, 1776)] (= *Cimex melanocephalus* Fabricius, 1775 (preoccupied); *Eysarcoris fabricii* Kirkaldy, 1904). Widespread western Palaearctic species. – Note: This species has been recorded often from China, but these are probably all misidentifications of *E. gibbosus*. All records of *E. venustissimus*, or its synonyms (*melanocephalus*, *fabricii*) from eastern Palaearctic should be referred to *E. gibbosus*. The majority of modern records for this species have been under Kirkaldy's

(1904) replacement name, *Eysarcoris fabricii*, but the oldest correct name is *Eysarcoris venustissimus* (Schrank, 1776). See Rider (1998) for an account of the taxonomic history of this species.

Glaucias beryllus (Fabricius, 1787). Fujian, Guangdong, Macao, Taiwan. Also recorded from India.

G. crassus (Westwood, 1837). Fujian, Guangdong, Guangxi, Henan, Yunnan. Also known from India and Vietnam. – Note: At one time, this species was considered to be a variety of *G. beryllus*.

G. dorsalis (Dohrn, 1860) (= *Zangis virginea* Stål, 1876). Guangdong, Guangxi. India, Sri Lanka, Maldives Islands, Malaysia, the Philippines.

G. nigromarginatus (Stål, 1871). Yunnan. Also known from the Philippines and Indonesia.

G. subpunctatus (Walker, 1867) (= *Raphigaster melanosticticus* Vollenhoven, 1868). Fujian, Guangdong, Guangxi, Hunan, Yunnan. Also recorded from Korea, Japan, and Indonesia.

Halyabbas unicolor Distant, 1900c. Guangdong, Hainan, Taiwan, Yunnan. Also known from India, southeast Asia, and Indonesia.

Halyomorpha halys (Stål, 1855) (= *Poecilometes mistus* Uhler, 1860; *Dalpada brevis* Walker, 1867; *D. remota* Walker, 1867). Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hebei, Heilongjiang, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Jilin, Liaoning, Nei Mongol, Shaanxi, Shanxi, Sichuan, Taiwan, Xizang, Yunnan, Zhejiang. Also recorded from Korea and Japan. – Note: This species has had a long and confusing history. It has appeared in the literature under *halys* and all three junior synonyms; in fact, it appears that many workers in Japan still refer to it as *H. mista*. It has also frequently been confused with *H. picus*, an Indian species. Josifov & Kerzhner (1978) determined that only one species of *Halyomorpha* is present in eastern China, Japan, and Korea, and it is different from *H. picus*; the oldest available name is *H. halys* (Stål).

Halys rugosus Distant, 1921. Yunnan. Described from Laos. – Note: Ghauri (1988) indicated that this species did not belong in the genus *Halys*, but he did not place it in any other genus. The Yunnan record of China (1925) needs verification.

H. serriger (Westwood, 1837) (= *Cimex dentatus* Fabricius, 1775 (preoccupied)). Guangdong. Afghanistan, India, Sri Lanka, Myanmar, and Japan. – Note: All recent records of this species have been under *Halys dentatus* (Fabricius, 1775), but that name is a primary homonym of *Cimex dentatus* De Geer, 1773, currently a species in the Acanthosomatidae. The single Chinese record of Hsiao & Cheng (1977) needs confirmation.

H. sulcatus (Thunberg, 1783) (= *H. magnus* Chopra, 1974; *H. quadri* Abbasi & Ahmad, 1976). Guangdong (Hong Kong). Also known from Pakistan, India, Sri Lanka, and Japan.

Hippotiscus dorsalis (Stål, 1869). Anhui, Fujian, Guangdong, Guangxi, Guizhou, Henan, Hunan, Jiangxi, Sichuan, Xizang, Zhejiang. Also reported from India. – Note: This species was originally placed in the preoccupied genus *Plexippus* Stål. Bergroth (1891) proposed *Hippotis* as a replacement name, but this name was also preoccupied. So, Bergroth (1906) proposed *Hippotiscus* as a new replacement name. This species is still being referred to as *Hippotis dorsalis* in the applied literature; it is a pest on bamboo (Xu et al., 1991a, 1991b; Yu et al., 1999).

Holcostethus breviceps (Horváth, 1897a). Heilongjiang. Also known from eastern Russia, Korea.

H. capitatus (Jakovlev, 1889b) (= *Peribalus peltatus* Jakovlev, 1894; *P. vernalis* var. *stramineus* Horváth, 1895; *P. pallescens* Jakovlev, 1902b). Gansu, Xinjiang. Afghani-

stan, Iran, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, and Mongolia.

H. ovatus (Jakovlev, 1889b) (= *Peribalus pallidicornis* Reuter, 1913). Nei Mongol, Shanxi. Also recorded from Mongolia, eastern Russia, and Korea.

H. strictus vernalis (Wolff, 1804). Nei Mongol, Shanxi, Xinjiang. Widespread Palaearctic species. — Note: *H. strictus* and *H. vernalis* have until recently been considered to be two separate species. Josifov (1986) treated them as subspecies; he has been followed in doing so by Lis (1990). Many recent workers have continued to recognize *vernalis* as a separate species, but all of these have been in lists or simple records of distribution; no one has as of yet refuted Josifov's treatment.

Homalognonia chinensis Lin, Zhang & Xiong, 1992. Hunan.

H. confusa Kerzhner, 1972a. Heilongjiang. Eastern Russia and Korea.

H. crocemaculata Chen, 1983. Guizhou, Hebei, Sichuan, Yunnan. — Note: Chen (1983) originally spelled this species as listed above; all other workers have listed this species as *H. croceomaculata*.

H. grisea Josifov & Kerzhner, 1978. Guangxi, Hebei, Henan, Hubei, Jiangxi, Shandong, Sichuan, Zhejiang. Described from Korea.

H. obtusa obtusa (Walker, 1868) (= *H. maculata* Jakovlev, 1876a). Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hebei, Heilongjiang, Henan, Hubei, Jiangsu, Jiangxi, Jilin, Liaoning, Nei Mongol, Shaanxi, Shandong, Sichuan, Xizang, Yunnan, Zhejiang. Also recorded from eastern Russia, Korea, Japan, India, and Vietnam.

H. obtusa yunnana Zheng & Liu, 1987a. Yunnan.

H. pinicola Lin & Zhang, 1992. Hunan, Jiangxi, Zhejiang.

H. sordida Zheng, 1994. Gansu, Shaanxi.

Hoplistoder a fergussoni Distant, 1911. Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hubei, Jiangxi, Shaanxi, Sichuan, Xizang, Yunnan, Zhejiang.

H. incisa Distant, 1887. Guangxi, Guizhou, Hainan, Yunnan. Also recorded from India, Myanmar, and Vietnam.

H. longispina Hsiao & Cheng, 1977. Yunnan.

H. pulchra Yang, 1934. Anhui, Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hainan, Hubei, Hunan, Jiangxi, Shanxi, Sichuan, Xizang, Yunnan, Zhejiang.

[**H. scutellomaculata** Distant, 1921]. Laos. — Note: Tang (1935) listed "China: Yunnan (Mekong)" in his distribution, but Mekong is located in Laos. Otherwise, this species has not been recorded from China.

H. virescens Dallas, 1851. Guizhou, Xizang, Yunnan.

Also known from India and Myanmar.

Iphiarusa compacta (Distant, 1887) (= *I. aratrix* Breddin, 1904). Fujian, Guangdong, Henan, Hunan, Jiangxi, Sichuan. Also reported from India, Myanmar, and Vietnam.

I. longicauda Hsiao & Cheng, 1977. Sichuan, Yunnan.

Jugalpada varia (Dallas, 1851) (= *Dalpada apicifera* Walker, 1867). Hong Kong, Jiangxi. Also known from India, Bhutan, and Myanmar. — Note: Most records of this species have been under the combination *Dalpada varia*.

Lakhonia nigripes Yang, 1936 (= *Oedocoris eburneus* Zheng & Liu, 1987a, syn. n.). Yunnan. Originally described from Thailand. — Note: Yang (1936) described *Lakhonia nigripes* based on a single female specimen collected from Lakhon, Thailand. A female paratype of *Oedocoris eburneus* collected from southwestern China was compared with the *L. nigripes* type material in Paris Museum by Dr. Dominique Pluot-Sigwalt and doubtlessly proved as conspecific. No males of this rare pentatomid

have ever been recorded. As the type species of *Oedocoris* Zheng & Liu (*O. eburneus*) is now proved to be a junior synonym of *L. nigripes*, the type species *Lakhonia* Yang, the genus *Oedocoris* is consequently synonymised with *Lakhonia* (new synonymy). *Lakhonia* is a genus with extraordinary and isolated features (thick, compact body; short dense dorsal pubescence; and perpendicular head). Yang (1936) tentatively suggested that it was related to *Pentatoma* Olivier, but this is certainly not so.

[**Laprius gastricus** (Thunberg, 1822)]. "China." Also known from Korea and Japan. — Note: Kirkaldy (1909) listed "China" in the distribution, with no specific locality mentioned. Its occurrence in China needs verification.

L. varicornis (Dallas, 1851). Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hainan, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Shaanxi, Shandong, Sichuan, Yunnan, Zhejiang. Also known from Pakistan, India, Japan, Myanmar, Vietnam, and the Philippines.

Lelia deempunctata (Motschulsky, 1860) (= *L. porrigens* Walker, 1867). Anhui, Guizhou, Heilongjiang, Hunan, Jiangxi, Jilin, Lioaning, Nei Mongol, Shaanxi, Sichuan, Xizang, Yunnan, Zhejiang. Also occurs in eastern Russia, Korea, and Japan.

L. octopunctata (Dallas, 1849). Guizhou, Yunnan. Also known from India and Bhutan.

Liocoris tibetanus Zheng & Liu, 1987b. Xizang.

Madates limbata (Fabricius, 1803). Guangdong, Guizhou, Yunnan. Also occurs from Pakistan, India, and Sri Lanka eastward through China and southeast Asia to Indonesia.

Mecidea indica Dallas, 1851. Sichuan, Yunnan. Also recorded from Pakistan and India.

Menida disjecta (Uhler, 1860) (= *Stromatocoris amoenus* Jakovlev, 1876a (preoccupied), syn. n.; *Menida scotti* Puton, 1886, syn. n.; *M. scotti* var. *sinensis* Reuter, 1888a, syn. n.). Gansu, Guangdong, Guangxi, Hebei, Heilongjiang, Hubei, Hunan, Jiangxi, Liaoning, Nei Mongol, Qinghai, Shaanxi, Shandong, Shanxi, Sichuan, Taiwan, Xizang, Yunnan. Also known from eastern Russia, Korea, and Japan. — Note: We have examined the type material for *Menida disjecta* (Uhler), which consists of a single female specimen. It is a typical specimen of what most workers have called *Menida scotti* Puton. It is not possible to tell how many specimens Uhler had when he made his original description, so a lectotype designation is in order. The female specimen (lacking the head) with the labels a) "PRUhler Collection"; b) "Rhaphigaster disjectus Uhler _ Hong Kong," is designated lectotype. The lectotype is conserved in the U.S. National Museum, Washington, DC.

M. formosa (Westwood, 1837) (= *Rhaphigaster spectandus* Stål, 1860; *R. albidentis* Ellenrieder, 1862; *R. nitens* Vollenhoven, 1868). Hainan, Guangdong, Guangxi, Guizhou, Jiangsu, Jiangxi, Taiwan, Xizang, Yunnan, Zhejiang. Occurs from India and Sri Lanka eastward to Indonesia.

M. lata Yang, 1934. Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hainan, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Sichuan, Zhejiang.

M. maculiscutellata Hsiao & Cheng, 1977. Fujian, Hubei, Sichuan.

M. megaspila (Walker, 1867) (= *Antestia megaspila* Walker, 1868). Guangdong, Taiwan.

M. metallica Hsiao & Cheng, 1977. Guizhou, Sichuan, Yunnan.

M. mosaica Zheng & Liu, 1987c. Yunnan.

M. musiva (Jakovlev, 1876a) (= *M. japonica* Distant, 1883). Heilongjiang, Jilin, Sichuan, Taiwan, Yunnan. Also recorded from eastern Russia, Korea, and Japan.

M. ornata Kirkaldy, 1910. Guizhou, Sichuan, Yunnan.

M. pinicola Zheng & Liu, 1987c. Hubei, Yunnan.

M. speciosa Zheng & Xiong, 2001. Yunnan.

M. szechuenensis Hsiao & Cheng, 1977. Fujian, Guizhou, Jiangxi, Ningxia, Sichuan, Xizang, Yunnan.

M. varipennis (Westwood, 1837). Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hunan, Jiangsu, Jiangxi, Sichuan, Yunnan, Zhejiang. Afghanistan, Pakistan, and India eastward to the Philippines and Indonesia.

M. versicolor (Gmelin, 1790) (= *Cimex histrio* Fabricius, 1787 (preoccupied); *Pentatoma bengalensis* Westwood, 1837; *Rhaphigaster concinnus* Dallas, 1851; *R. strachoioides* Walker, 1867; *Menida ceylanica* Breddin, 1909). Fujian, Guangdong, Guangxi, Guizhou, Hainan, Jiangxi, Macao, Sichuan, Xizang, Taiwan, Yunnan, Zhejiang. Occurs from Pakistan, India, and Sri Lanka eastward through China and southeast Asia to Japan, the Philippines, and Indonesia. – Note: Nearly all recent records of this species have been under the name *Menida histrio*, but this is a junior primary homonym; the next available name is *versicolor*. See Rider (1998) for further details.

M. violacea Motschulsky, 1861. Anhui, Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hebei, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Jilin, Liaoning, Nei Monggol, Shaanxi, Shandong, Shanxi, Sichuan, Taiwan, Yunnan, Zhejiang. Also known from eastern Russia, Korea, Japan, and India.

[**M. vitalisana** Distant, 1921]. Yunnan. Described from Vietnam. – Note: The Yunnan record (Hoffmann, 1935) needs verification.

Mimula dungana (Kiritschenko, 1912). Xinjiang. Also known from Kazakhstan and Kyrgyzstan.

Myrochea gyironnensis (Lin & Zhang, 1985), comb. n. Xizang. – Note: Lin & Zhang (1985) described this species in the genus *Dorpius* Distant, but Linnavuori (1982) recently placed *Dorpius* as a junior synonym of *Myrochea*.

M. kershawi (Kirkaldy, 1910), comb. n. Macao. – Note: Originally described in the genus *Dorpius* and all subsequent workers have treated it in *Dorpius*, but Linnavuori (1982) placed *Dorpius* as a junior synonym of *Myrochea*.

Neojurtina typica Distant, 1921. Fujian, Guangdong, Guangxi, Hunan, Jiangxi, Taiwan, Yunnan, Zhejiang. Also known from Vietnam and Malaysia.

Neottiglossa leporina (Herrick-Schäffer, 1830) (= *N. calva* Jakovlev, 1903c). Heilongjiang, Nei Monggol, Xinjiang. Widespread Palaearctic species.

N. pusilla (Gmelin, 1790) (= *Cimex griseus nigro-punctatus* De Geer, 1773 (unavailable trinomen); *Cydnus inflexus* Wolff, 1811; *Platysolen obscurus* Sahlberg, 1870; *Aelia panzeri* Krynicki, 1871; *Neottiglossa seorsa* Jakovlev, 1903c; *N. nigella* Jakovlev, 1903c). Nei Monggol, Shaanxi, Shanxi, Xinjiang. Widespread Palaearctic species.

Neostrachia bisignata (Walker, 1867) (= *N. hellenica* Saunders, 1877). Jiangxi. Recorded from Greece, Saudi Arabia, Tunisia, and India. – Note: See Rider (1998) for an explanation on this generic placement.

Nevisanus nagaensis Distant, 1893. Xizang. Described from northeastern India.

Nezara antennata Scott, 1874 (= *N. antennata* var. *balteata* Horváth, 1889a). Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hainan, Hebei, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Shanxi, Sichuan, Taiwan, Xinjiang, Xizang, Yunnan. India, Sri Lanka, Korea, Japan, the Philippines.

N. viridula (Linnaeus, 1758) (= *Cimex torquatus* Fabricius, 1775; *C. smaragdulus* Fabricius, 1775; *C. transversus* Thunberg, 1783; *C. variabilis* Villers, 1789; *C. spirans* Fabricius, 1798; *C. viridissimus* Wolff, 1801 (preoccupied); *Pentatoma oblonga* Westwood, 1837; *P. unicolor* Westwood, 1837; *P. beryllina* Westwood, 1837; *P. sub-*

sericea Westwood, 1837; *P. leii* Westwood, 1837; *P. tri-punctigera* Westwood, 1837; *P. chinensis* Westwood, 1837; *P. proxima* Westwood, 1837; *P. propinquua* Westwood, 1837; *P. chlorocephala* Westwood, 1837; *Cimex hemichloris* Germar, 1838; *Nezara approximata* Reiche & Fairmaire, 1848; *Pentatoma plicaticollis* Lucas, 1849; *Rhaphigaster orbis* Stål, 1853; *Pentatoma vicaria* Walker, 1867; *Nezara viridula* var. *aurantiaca* Costa, 1884; *N. viridula* var. *hepatica* Horváth, 1903). Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hebei, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Ningxia, Shaanxi, Shandong, Shanxi, Sichuan, Xizang, Yunnan, Zhejiang. Widespread cosmopolitan species.

N. yunnana Zheng, 1982. Yunnan.

Niphe elongata (Dallas, 1851). Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hainan, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Shaanxi, Sichuan, Taiwan, Xizang, Yunnan, Zhejiang. Also known from India, Japan, Myanmar, and the Philippines.

N. subferruginea (Westwood, 1837) (= *Pentatoma cephalus* Dallas, 1851; *P. lateralis* Walker, 1867 (preoccupied)). Guangdong, Guangxi, Guizhou, Yunnan. Also recorded from India, southeast Asia, and Indonesia.

Ochrophara chinensis Zheng & Liu, 1987b. Yunnan.

Ochyrotulus helvinus Jakovlev, 1885 (= *O. signoreti* Jakovlev, 1885; *O. helvinus* var. *rubripennis* Kiritschenko, 1914b; *O. helvinus* var. *rubens* Kiritschenko, 1914b). Nei Monggol. Also recorded from Azerbaijan, Iran, Kazakhstan, Mongolia, Turkmenistan, and Uzbekistan.

Okeanos quelpartensis Distant, 1911. Gansu, Hebei, Hunan, Jiangxi, Jilin, Shaanxi, Sichuan, Yunnan. Also recorded from Korea and eastern Russia.

Otantestia heterospila (Walker, 1867) (= *Pentatoma pulchra* Dallas, 1851 (preoccupied)). Guangdong, Hainan, Qinghai, Yunnan. Also known from Bhutan, Pakistan, India, southeast Asia, and Indonesia. – Note: Even though Kirkaldy (1909) catalogued this species correctly, and Hoffmann (1932a, 1932b, 1935, 1954) referred to it as *Otantestia heterospila*, all other workers from India and the Oriental region have referred to this species as *Antestia pulchra*. *Pentatoma pulchra* Dallas, 1851 is a primary junior homonym of *P. pulchra* Westwood, 1837, a species now in the genus *Eurydema*. The next available name is *Strachia heterospila* Walker, 1867. Kirkaldy (1909) designated *pulchra* (= *heterospila*) type species of the genus *Otantestia*. All records of *Antestia pulchra* should be referred to *Otantestia heterospila*.

O. modicifata (Distant, 1887). Yunnan. Also recorded from India. – Note: Breddin (1900) placed this species in his newly erected genus *Otantestia*. This is where Kirkaldy (1909) and Hoffmann (1935) also treated this species. Hsiao & Cheng's (1977) record of *Antestia modicifata* from Yunnan should be referred to *Otantestia modicifata*.

Palomena angulosa (Motschulsky, 1861) (= *Mormidea basicornis* Motschulsky, 1866; *Palomena amurensis* Reuter, 1908). Guizhou, Heilongjiang, Henan, Jiangxi, Jilin, Liaoning, Nei Monggol, Shaanxi, Shanxi, Sichuan, Xizang, Yunnan, Zhejiang. Also known from eastern Russia, Korea, and Japan.

P. chapana (Distant, 1921), sp. dist. (= *P. haemorrhoidalis* Lindberg, 1934, syn. n.). Gansu, Hebei, Hubei, Hunan, Shaanxi, Sichuan, Xizang, Yunnan. Also known from Nepal, Myanmar, and Vietnam. – Note: Distant (1921) described *Epagathus chapana* based on material from Chapa, Vietnam ("Tonkin"). China (1925) synonymised *E. chapana* with *Palomena unicolorella* Kirkaldy, 1909. Zheng & Ling (1989) followed this synonymy but noted that this was rather tenuous as only female syntype material was examined in that study. On the other hand, the Yunnan record of *P. unicolorella* (China, 1925) was

determined to be a misidentification of *P. haemorrhoidalis* Lindberg (Zheng & Ling, 1989, studied the material upon which Dr. China's work was based). Recently, one male syntype of *Epagathus chapana* was examined and is here designated lectotype (conserved in the BMNH). The details of the male genitalia indicate that *chapana* is conspecific with *haemorrhoidalis*, but different from the Indian *unicolorella*. Therefore, *chapana* is removed from the synonymy of *P. unicolorella*, and is resurrected as senior synonym of *haemorrhoidalis*.

P. hsiaozi Zheng & Ling, 1989. Guizhou, Hubei, Jiangxi, Sichuan, Yunnan, Zhejiang.

P. hunanensis Lin & Zhang, 1992. Hunan.

P. limbata Jakovlev, 1904a. Gansu, Sichuan, Xizang, Yunnan.

P. prasina (Linnaeus, 1761) (= *Cimex viridis totus* De Geer, 1773 (unavailable trinomen); *C. roseus* Müller, 1776; *C. viridis* Harris, 1780; *C. dissimilis* Fabricius, 1781; *C. discolor* Wolff, 1811 (preoccupied); *Pentatoma prasina subrubescens* Gorski, 1852; *P. prasina* var. *rhododactyla* Horváth, 1883). Xinjiang. Widespread Palaearctic species.

— Note: Several authors have reported this species from Yunnan and from Xizang (China, 1925; Hsiao & Cheng 1977; Zhang & Lin, 1981, 1987), but all have proven to be misidentifications of *P. tibetana*. The Kiritschenko (1964) record from Xinjiang appears to be accurate.

[*P. rubricornis* Scott, 1874]. Hebei. Described from Japan. — Note: No one in recent times has referred to this species (other than in lists or catalogs). The only species generally collected near the type locality in Japan is *P. angulosa*; the record from China is probably a misidentification of *P. viridissima*. An examination of the type material will be needed to clarify the status of this species.

P. similis Zheng & Ling, 1989. Sichuan.

[*P. spinosa* Distant, 1880]. Xizang. Also known from Pakistan and India. — Note: The Xizang record (Horváth, 1897b) needs verification.

P. tibetana Zheng & Ling, 1989. Xizang.

P. viridissima (Poda, 1761) (= *Pentatoma rotundicollis* Westwood, 1837; *Palomena amplificata* Distant, 1880; *P. viridissima* var. *simulans* Puton, 1881; *P. viridissima* var. *rubicunda* Westhoff, 1884). Gansu, Hebei, Heilongjiang, Jilin, Nei Monggol, Ningxia, Qinghai, Shaanxi, Shanxi, Shandong, Yunnan. Widespread Palaearctic species.

Paracritheus trimaculatus (Lepeletier & Serville, 1828) (= *Hoplistoderus gibba* Vollenhoven, 1868). Guangxi. Also recorded from India, Myanmar, the Philippines, and Indonesia.

Paracimocoris chinensis Zhang & Lin, 1988. Xizang.

Paterculus affinis (Distant, 1900a). Hunan, Sichuan, Xizang, Yunnan. Also known from India and Bhutan.

P. bidentatus Xiong & Liu, 1996. Yunnan.

P. elatus (Yang, 1934). Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hunan, Jiangsu, Jiangxi, Sichuan, Yunnan, Zhejiang.

P. ovatus Hsiao & Cheng, 1977. Hubei, Sichuan, Yunnan.

P. parvus Hsiao & Cheng, 1977. Guangxi, Hunan, Yunnan, Zhejiang.

P. vittatus (Distant, 1901a). Guizhou. Originally described from Myanmar.

Pentatoma acuticornuta Zheng & Ling, 1983. Sichuan.

P. angulata Hsiao & Cheng, 1977. Gansu, Hunan, Jilin, Sichuan, Xizang, Yunnan.

P. brunnea Zheng & Ling, 1983. Sichuan.

P. carinata Yang, 1934. Gansu, Guizhou, Hunan, Jiangxi, Yunnan.

P. distincta Hsiao & Cheng, 1977. Guizhou, Sichuan, Xizang, Zhejiang.

P. emeiensis Ling, 1988. Sichuan.

P. hingstoni Kiritschenko, 1931. Xizang. — Note: Although Kiritschenko (1931) originally spelled this species *hingstoni*, many workers refer to this species as *hinstoni*.

P. hsiaozi Zheng & Wang, 1995. Gansu.

P. illuminata (Distant, 1890). Hubei, Shanxi.

P. japonica (Distant, 1882). Fujian, Gansu, Guizhou; Heilongjiang, Hubei, Hunan, Jilin, Liaoning, Nei Monggol, Qinghai, Shaanxi, Yunnan, Zhejiang. Also known from eastern Russia, Korea, and Japan.

P. kunmingensis Xiong, 1981. Guizhou, Sichuan, Yunnan.

P. leliiformis Kirkaldy, 1909. Yunnan.

P. longirostrata Hsiao & Cheng, 1977. Sichuan, Xizang.

P. major Zheng & Jin, 1990. Xizang.

P. metallifera (Motschulsky, 1860) (= *Tropicoris basini* Oshanin, 1870; *T. davidi* Signoret, 1880). Beijing, Gansu, Hebei, Heilongjiang, Jilin, Liaoning, Nei Monggol, Ningxia, Qinghai, Shanxi. Also known from Mongolia, eastern Russia, Korea, and Japan. — Note: Ling and Zheng (1987) only tentatively placed *davidi* as a synonym of *metallifera* as they were not able to examine type material of *davidi*.

P. montana montana Hsiao & Cheng, 1977. Sichuan, Yunnan.

P. montana yulongica Zheng & Liu, 1987c. Yunnan.

P. mosaica Hsiao & Cheng, 1977. Anhui, Fujian, Hunan, Jiangsu, Jiangxi, Qinghai, Zhejiang.

P. nigra Hsiao & Cheng, 1977. Sichuan, Yunnan.

P. parametallifera Zheng & Li, 1991. Heilongjiang, Jilin. Also known from eastern Russia and southern Korea.

P. paraibaensis Liu & Zheng, 1995. Ningxia, Shaanxi.

P. punctipes (Stål, 1876) (= *Compsastes truncatus* Distant, 1887). Xizang. Also known from India.

P. roseicornuta Zheng & Ling, 1983. Guizhou, Hunan, Sichuan.

P. rufipes (Linnaeus, 1758) (= *Cimex notatus* Poda, 1761; *Pentatoma viridiaenea* Palisot de Beauvois, 1811; *Tropicoris nigricornis* Reuter, 1879a; *T. rufipes* var. *moesta* Reuter, 1881a). Gansu, Hebei, Heilongjiang, Jilin, Liaoning, Nei Monggol, Ningxia, Qinghai, Shaanxi, Shanxi, Sichuan, Xizang, Xinjiang. Widespread Palaearctic species.

P. semiannulata (Motschulsky, 1860) (= *Tropicoris armandi* Fallou, 1881; *Gudea ichikawana* Distant, 1911). Gansu, Guizhou, Hebei, Heilongjiang, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Jilin, Liaoning, Nei Monggol, Ningxia, Qinghai, Shaanxi, Shanxi, Sichuan, Zhejiang. Also known from Mongolia, eastern Russia, Korea, and Japan. — Note: Ling & Zheng (1987) only tentatively accepted Hsiao & Cheng's (1977) placement of *armandi* and *semiannulata* as synonyms, as they were not able to examine type material of *armandi*.

P. sordida Zheng & Liu, 1987b. Gansu, Hubei, Hunan, Zhejiang.

P. tabaensis Zheng & Ling, 1983. Shaanxi.

P. zhengi Rider, 1998 (= *P. venosa* Zheng & Ling, 1983 (preoccupied)). Yunnan. — Note: *P. venosa* Zheng & Ling, 1983 is a junior primary homonym of *P. venosa* Förster, 1891, which is still considered a valid species of fossil Pentatomidae.

Phaeocoris ellipticus ellipticus (Herrick-Schäffer, 1840) (= *P. semenovi* Jakovlev, 1887; *Timuria melanocera* Horváth, 1903; *Tancreisca breddini* Jensen-Haarup, 1937). Qinghai, Xinjiang, Xizang. Also recorded from Mongolia, Kazakhstan, and Russia. — Note: This species has had a confused history. Some believe it belongs in the Sciochorini; others in the Myrocheini. Zhang et al. (1995) had it listed as a junior synonym of *Dymantis plana* (Fabricius), although they listed it as *Dymantis elliptica* in the figure legend. At this time, it seems best to leave it as *Phaeocoris ellipticus* until its actual taxonomic placement can be studied.

Piezodorus hybneri (Gmelin, 1790) (= *Cimex rubrofasciatus* Fabricius, 1787 (preoccupied); *C. flavescens* Fabricius, 1798 (preoccupied); *Rhaphigaster flavolineatus* Westwood, 1837; *R. virescens* Amyot & Serville, 1843; *Nezara pellucida* Ellenrieder, 1862). Anhui, Henan, Jiangsu, Shaanxi, Shandong, Shanxi. Widespread Palaearctic species that also occurs in Africa, southeast Asia, and Indonesia. – Note: *Cimex rubrofasciatus* Fabricius, 1787, is a junior primary homonym of *C. rubrofasciatus* De Geer, 1783, which is a species of Reduviidae. Yet, many workers continue to use *P. rubrofasciatus*. Gmelin (1790) proposed *hybneri* as a replacement name.

P. lituratus (Fabricius, 1794) (= *Cimex bilobus* Gmelin, 1790 (preoccupied); *Pentatoma incarnatum* Germar, 1821; *P. alliaceum* Germar, 1824; *P. purpuripennis* Hahn, 1834; *Rhaphigaster punctulatus* Westwood, 1837; *Pentatoma purpuripennis griseoviridis* Gorski, 1852; *P. purpuripennis rosea* Gorski, 1852; *Piezodorus degeeri* Fieber, 1861; *Rhaphigaster parilis* Walker, 1867). Xinjiang. Widespread Palaearctic species.

Placosternum alces Stål, 1876. Shanxi, Yunnan. Also recorded from Pakistan, India, and Sri Lanka.

[**P. dama** (Fabricius, 1794)]. India. – Note: Distant (1902) recorded this species from Cochin, India; this was misinterpreted as Cochin China by Kirkaldy (1909), which was further misinterpreted as Cochin, China by Hoffmann (1935). Hoffmann (1954) corrected his mistake and indicated that *P. dama* does not occur in China.

P. jiangleense Lin & Zhang, 1993. Fujian, Hunan.

P. taurus (Fabricius, 1781). Guizhou, Hainan, Yunnan. Also known from Pakistan, India, Sri Lanka, and southeast Asia.

P. urus Stål, 1876. Fujian, Guizhou, Henan, Hubei, Hunan, Jiangxi, Shandong, Sichuan, Xizang, Yunnan, Zhejiang. Also reported from India and Sri Lanka.

Plautia crossota (Dallas, 1851) (= *Cimex fimbriatus* Fabricius, 1787 (preoccupied); *Pentatoma fimbriolatum* Herrich-Schäffer, 1844 (new name for *fimbriatus* Fabricius, 1787, but also preoccupied); *Rhaphigaster rufoviridis* Walker, 1867; *Nezara rubripennis* Jakovlev, 1890; *Plautia elegans* Linnauvori, 1975). Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hubei, Hunan, Sichuan, Xizang, Yunnan. Widespread, occurring in parts of Africa, Afghanistan, India, Sri Lanka, southeast Asia, to the Philippines and Indonesia. – Note: It appears that about half of recent citations have been made using each of the two names *fimbriata* and *crossota*. Roche (1979) confirmed that *crossota* and *fimbriata* are indeed synonyms. *Cimex fimbriatus* Fabricius, 1787, is a primary junior homonym of *C. fimbriatus* Thunberg, 1783, a species now in the South African genus *Dismegistus*. Herrich-Schäffer (1844) recognised this case of homonymy and proposed *Pentatoma fimbriolatum* as a replacement name, but this also is a junior primary homonym, in this case of *P. fimbriolatum* Germar, 1838, which is now a synonym of *Eurydema dominulum*. The next available name is *Pentatoma crossota* Dallas, 1851.

P. flavifusa Liu & Zheng, 1994. Guangdong, Hainan, Xizang. – Note: This species was proposed to represent the misidentifications of *P. viridicollis* (nec Westwood) by Hsiao & Cheng (1977) and Zheng & Jin (1990).

P. lushanica lushanica Yang, 1934. Fujian, Guizhou, Henan, Hubei, Jiangxi, Shaanxi, Sichuan, Yunnan, Zhejiang.

P. lushanica yunnanensis Liu & Zheng, 1994. Yunnan.

P. propinqua Liu & Zheng, 1994. Gansu, Hubei, Sichuan, Yunnan.

P. sordida Xiong & Liu, 1996. Yunnan.

P. splendens Distant, 1900c. Fujian. Also recorded from Japan.

P. stali Scott, 1874 (= *Nezara amurensis* Reuter, 1888b). Fujian, Gansu, Guangdong, Guangxi, Hubei, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Jilin, Liaoning, Shaanxi, Shandong, Shanxi, Sichuan, Zhejiang. Also known from eastern Russia, Korea, Japan, and Hawaii. – Note: Several workers in Japan have treated this species as a subspecies of *crossota*.

Praetextatus chinensis Hsiao & Cheng, 1977. Hainan, Hunan, Sichuan, Zhejiang.

P. typicus Distant, 1901b. Taiwan. Also recorded from Myanmar.

Priassus excoffieri Martin, 1902. Yunnan.

P. exemptus (Walker, 1868) (= *P. carinatus* Horváth, 1889a). Fujian?, Taiwan, Xizang, Zhejiang? Also known from Afghanistan, Tajikistan, India, and Myanmar. – Note: The Fujian (Lin & Zhang, 1993) and Zhejiang (Chen & Xu, 1995) records need verification.

P. spiniger Haglund, 1868. Fujian, Guangxi, Guizhou, Hubei, Hunan, Jiangxi, Sichuan, Xizang, Yunnan, Zhejiang. Also recorded from India, Myanmar, and Indonesia.

P. testaceus Hsiao & Cheng, 1977. Gansu, Guizhou, Hubei, Sichuan, Xizang, Yunnan.

Prionaca hubeiensis Zhang, Lin & Zhao, 1990. Hubei.

P. hunanensis Lin & Zhang, 1989. Hunan.

P. jiangxiensis Lin & Zhang, 1989. Hunan, Jiangxi.

P. tibetana Zheng & Jin, 1990. Xizang.

P. tonkinensis Distant, 1921. Guizhou, Yunnan. Originally described from Vietnam.

P. yunnanensis Zhang & Lin, 1992. Guizhou, Yunnan.

Rhaphigaster brevispina Horváth, 1889b (= *R. mongolica* Puton, 1898). Gansu, Nei Mongol, Ningxia, Xinjiang. Occurs from Israel and Syria through Kazakhstan and Central Asia eastward to Mongolia. – Note: This species has often been confused with *R. nebulosa*. Records of *R. nebulosa* from China should be referred to this species.

R. genitalia Yang, 1934. Henan, Jiangxi, Zhejiang.

[**R. nebulosa** (Poda, 1761)] (= *Cimex atomarius* Fabricius, 1775; *C. sagittifer* Goeze, 1778; *C. lentiginosus* Gmelin, 1790; *C. punctipennis* Illiger, 1807; *Pentatoma stigmatica* Palisot de Beauvois, 1811; *Menida fusca* Motschulsky, 1861; *Rhaphigaster griseus* var. *impunctata* Gariglietti, 1869). Widespread western Palaearctic species. – Note: This species has often been confused with *R. brevispina*. Records of *R. nebulosa* from China should be referred to *R. brevispina*.

Rhynchoscoris humeralis (Thunberg, 1783) (= *Cimex hamatus* Fabricius, 1787). Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hubei, Hunan, Jiangsu, Jiangxi, Macao, Shandong, Sichuan, Taiwan, Yunnan, Zhejiang. Occurs from Pakistan, India, and Sri Lanka eastward through China and southeast Asia to Indonesia.

R. nigridens Stål, 1871. Fujian, Guangdong, Hainan, Yunnan. Originally described from the Philippines.

R. plagiatus (Walker, 1867) (= *R. taprobanensis* Bergroth, 1891). Yunnan. Also known from India, Sri Lanka, and Vietnam.

Risibia xanthochila Horváth, 1888 (= *Parastaria militula* Kiritschenko, 1911). Xinjiang. Iran and Afghanistan east to Mongolia.

Rolstoniellus boutanicus (Dallas, 1849). Sichuan, Xizang, Yunnan. Originally described from Bhutan, and also known from India and Myanmar. – Note: This species has until recently been placed in the genus *Compsastes* Stål, 1867, which is a junior homonym of *Compsastes* Gistel, 1848, a genus in the Orthoptera. As such, Rider (1997) proposed *Rolstoniellus* as a replacement name.

R. extimulatus (Yang, 1935). Yunnan. Originally described from Bhutan. – Note: See comments under *R. boutanicus*.

Rubiconia intermedia (Wolff, 1811) (= *Pentatomia neglectum* Herrich-Schäffer, 1853). Gansu, Guangdong, Guangxi, Guizhou, Hebei, Heilongjiang, Henan, Hubei, Hunan, Jilin, Liaoning, Ningxia, Qinghai, Shanxi, Sichuan. Widespread Palaearctic species.

R. peltata Jakovlev, 1890. Anhui, Gansu, Hebei, Heilongjiang, Henan, Hubei, Hunan, Jiangxi, Jilin, Liaoning, Nei Monggol, Shanxi, Sichuan, Zhejiang. Also known from eastern Russia, Korea, and Japan.

[*Sabaeus humeralis* (Dallas, 1851)] (= *Cuspicona smaragdina* Walker, 1867). China. Originally described from India, and also known from Pakistan, Bangladesh, and Myanmar. – Note: Distant (1902) in passing stated that he had a specimen of this species in his collection from China. Catalogers (Kirkaldy, 1909; Hoffmann, 1935; Tang, 1935) have repeated this record, but no one else has reported new records from China. Its existence in China needs verification.

Saceseurus insignis (Distant, 1900b) (= *S. bicolor* Breddin, 1900; *Brachycoris thoracicus* Distant, 1901b; *B. insignis* var. *flavinotum* Kirkaldy, 1909; *B. insignis* var. *nigrescens* Kirkaldy, 1909). Guangdong, Guangxi, India, Sri Lanka, Myanmar, Indonesia. – Note: Leston (1954) indicated that *Saceseurus* is the correct generic placement for this species.

Saontarana burmanica Distant, 1918. Yunnan. Type locality is in Myanmar.

Sarju burmana burmana Ghauri, 1977. Guizhou, Xizang. Originally described from Myanmar.

S. obscura (Westwood, 1837) (= *Halys nigricollis* Westwood, 1837). Guangxi. Also known from Japan, India, and Nepal. – Note: Past records of this species may be under the combination *Dalpada obscura* or *D. nigricollis*.

S. taungiana Ghauri, 1977. Guangdong, Guangxi, Guizhou, Hainan, Jiangxi, Sichuan, Xizang, Yunnan. Also recorded from Vietnam. – Note: Zheng & Liu (1987) indicated that Chinese records of *Dalpada jugatoria* are actually misidentifications and should be referred to this species.

Sciocoris (Masthetinus) abbreviatus (Reuter, 1879b) (= *Masthetinus nigriventris* Jakovlev, 1889a). Hebei, Nei Monggol, Shandong. Also reported from Kazakhstan, Mongolia, and Russia. – Note: Many records of this species are under the combination *Masthetinus abbreviatus*, but Wagner (1965) reduced *Masthetinus* to a subgenus of *Sciocoris*.

S. (Sciocoris) deltocephalus Fieber, 1861. Xinjiang. Occurring from eastern Europe to western China.

S. (S.) dilutus Jakovlev, 1903b (= *S. agnatus* Jakovlev, 1903b). Nei Monggol, Xinjiang. Also known from Afghanistan, Azerbaijan, Kazakhstan, Kyrgyzstan, Iran, Mongolia, Tajikistan, Turkmenistan and Uzbekistan.

S. (S.) distinctus Fieber, 1851 (= *S. ovatus* Wagner, 1965). Nei Monggol. Widespread Palaearctic species.

S. (S.) indicus Dallas, 1851. Guangdong, Hainan, Sichuan, Xizang, Yunnan. Originally described from India, and also known from Pakistan.

S. (S.) lateralis Fieber, 1851. Guangdong, Hainan, Yunnan. Also known from Pakistan, India, and Sri Lanka.

S. lugubris (Walker, 1867). Taiwan. – Note: The identity of this species needs verification. No one has reported to which subgenus it belongs.

S. (Aposciocoris) macrocephalus Fieber, 1851 (= *S. basalis* Fieber, 1851). Gansu, Xinjiang. Widespread Palaearctic species.

S. (A.) microphthalmus Flor, 1860 (= *S. griseus* Eversmann, 1837 (see note); *S. curtipennis* Mulsant & Rey, 1866; *S. microphthalmus poppiusi* Wagner, 1965). Hebei, Heilongjiang, Nei Monggol, Shanxi, Xizang. Widespread Palaearctic species; also occurs in North

America. – Note: It appears that *griseus* Eversmann, 1837 could compete for priority for the valid name of this taxon. It was presented in a list, without description, but with an indication that this was a new name for the misidentified *umbrinus* of Hahn. *S. griseus* has not, however, been used by anyone else since, and should at best be considered a *nomen oblitum*.

S. (A.) umbrinus (Wolff, 1804) (= *S. brevicollis* Fieber, 1851; *S. sieberii* Flor, 1860; *S. rotermundi* Schumacher, 1911a). Nei Monggol. Widespread Palaearctic species. – Note: Most recent workers have considered *S. umbrinus* to be a member of the nominate subgenus, but Derzhansky (1994) transferred it to the subgenus *Aposciocoris*.

Septoniella aenea (Distant, 1883). Henan, Zhejiang. Also recorded from Korea and Japan. – Note: Nearly all references to this species have been under the combination *Septonia aenea*.

Sinometis emeiensis Zheng & Liu, 1987b. Sichuan.

S. lingxianensis Lin & Zhang, 1992. Hunan.

Spermatoches variolosus (Walker, 1867). Fujian, Guangdong, Guangxi, Guizhou, Hainan, Jiangxi, Sichuan, Zhejiang. Also known from Pakistan, India, Sri Lanka, southeast Asia, Japan (Ryukyu Islands), the Philippines, and Australia. – Note: Most recent records of this species have been under *Septonia variolosa*.

Stachyomia rubra Chen, 1992. Guangdong.

Stenozygum speciosum (Dallas, 1851) (= *Strachia inornata* Walker, 1867). Guangxi, Sichuan, Yunnan. Also occurs from Iran, Pakistan, and India eastward into southeast Asia.

Strachia crucigera Hahn, 1833 (= *S. flammula* Elleneried, 1862; *S. strangulata* Walker, 1867). Guangdong, Hainan, Yunnan. Also known from Pakistan, India, southeast Asia, Malaysia, and Indonesia.

Tachengia ascrá China, 1925. Guizhou, Yunnan.

T. viridula Hsiao & Cheng, 1977. Guizhou, Sichuan, Xizang, Yunnan.

T. yunnana Hsiao & Cheng, 1977. Xizang, Yunnan.

Tmetopus chinensis Kirichenko, 1947. Guangxi, Guizhou, Sichuan. – Note: No specific locality was given in the original description (Kirichenko, 1947), nor has any other specific record been published. The Zoological Institute, Russian Academy of Sciences in St. Petersburg contains a specimen from Guizhou and the Nankai University, specimens from Guangxi and Sichuan.

Tolumnia basalis (Dallas, 1851). Fujian, Guangdong, Guangxi, Guizhou, Hainan, Jiangxi, Shaanxi, Yunnan, Zhejiang. Also recorded from Vietnam and Indonesia.

T. gutta (Dallas, 1851) (= *Pentatoma inobtrusa* Walker, 1867). Fujian, Guangxi, Hainan, Shaanxi, Sichuan, Yunnan, Zhejiang. – Note: At one time this species was considered to be a junior synonym of *T. basalis*.

T. latipes (Dallas, 1851) (= *Dalpada obtusicollis* Elleneried, 1862; *Pentatoma trispila* Walker, 1867; *P. contingens* Walker, 1867; *Tolumnia ferruginescens* Breddin, 1904). Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hainan, Henan, Hubei, Hunan, Jiangxi, Shaanxi, Sichuan, Taiwan, Xizang, Yunnan, Zhejiang. Occurs from India through southeast Asia and China to Malaysia and Indonesia. – Note: Many Oriental workers still refer to *T. latipes* form *contingens* and *T. latipes* form *typica* (which should actually be referred to as form *latipes*). Also, even though Distant (1921) placed *T. ferruginescens* as a junior synonym of this species, several workers still occasionally refer to *T. ferruginescens* as a valid species.

T. trinotata (Westwood, 1837) (= *Pentatoma pallidiventris* Vollenhoven, 1868). Yunnan. Also known from Cambodia, Malaysia, and Indonesia.

Udonga spinidens Distant, 1921. Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hubei, Hunan, Jiangxi, Ma-cao, Shaanxi, Shanxi, Xizang, Yunnan, Zhejiang. Described from Laos.

Valescus jianhenensis Chen, 1983. Guizhou.

V. omiensis Hsiao & Cheng, 1977. Sichuan.

Vitellus orientalis Distant, 1900c. Guangdong, Guangxi, Guizhou, Yunnan. Originally described from India.

Vitruvius insignis Distant, 1901a. Guangxi, Hainan, Yunnan. Also known from Myanmar and Indonesia.

Zhengius spiniferus (Zheng & Liu, 1987b). Xizang, Yunnan. – Note: This species was originally described in the genus *Tibetocoris* Zheng & Liu, 1987b, which is a junior homonym of *Tibetocoris* Hutchinson, 1934. Rider (1998) proposed *Zhengius* as a new name.

Z. zhangmuensis (Zhang & Lin, 1988). Xizang. – Note: See comments under *Z. spiniferus*.

Zouicoris elegans Zheng, 1986. Yunnan.

References

Abbasi, Q.A. & Ahmad, I. 1976. A new species of the genus *Halys* Fabr. (Pentatomidae: Halyini) from East Bengal with notes on its genitalia and their bearing on classification. *J. Sci. Univ. Karachi*, 4(1-2): 26-31.

Amyot, C.J.B. & Serville, A. 1843. *Histoire Naturelle des Insectes. Hémiptères*. lxxvi and 681 pp., 12 pls. Roret, Paris.

Baerensprung, F. von. 1858. Neue und seltene Rhynchoten der europäischen Fauna. *Berlin. entomol. Z.*, 2: 188-208, pl. II.

Becker, A. 1867. Noch einige Mittheilungen über Astrarhaner und Sareptaër Pflanzen und Insekten. *Bull. Soc. imp. Natur. Moscou*, 40: 104-115.

Bergroth, E. 1891. Contributions à l'étude des pentatomides. *Rev. Entomol.*, 10: 200-235.

Bergroth, E. 1906. Systematische und synonymische Bemerkungen über Hemipteren. *Wien. Entomol. Ztg.*, 25(1): 1-12.

Bohemian, C.H. 1850. Bidrag till Gotlands insekt-fauna. *Kongl. Vet.-Akad. Handl.*, 70, (1849): 195-267.

Breddin, G. 1900. Hemiptera Sumatrana collecta a dom. Henrico Dohrn. Pars I. *Stettin. entomol. Ztg.*, 61: 275-336.

Breddin, G. 1904. Beschreibungen neuer indo-australischer Pentatomiden. *Wien. entomol. Ztg.*, 23(1): 1-19.

Breddin, G. 1907. Rhynchoraphische Beiträge. Vierter Stück. *Wien. entomol. Ztg.*, 26(3): 93-97.

Breddin, G. 1909. Rhynchoten von Ceylon gesammelt von Dr. Walter Horn. *Ann. Soc. entomol. Belg.*, 53: 250-309.

Burmeister, H.C.C. 1835. *Handbuch der Entomologie*. Vol. 2, Abt. I, ii and 400 + 4 pp., 2 pls. Berlin.

Chen, F.-Y. 1983. New species of Pentatomidae from Guizhou, China (Hemiptera: Pentatomidae). *Entomotaxonomia*, 5(1): 43-46.

Chen, H.-L. & Xu, Z.-W. 1995. A list of Hemiptera and their hosts from the forest regions in Lishui prefecture, Zhejiang province, China. *Acta Agric. Univ. Jiangxiensis*, 17(2): 206-207. [not seen]

Chen, Z.-Y. 1989. Two new species of Pentatominae from Guangdong, China (Hemiptera: Pentatomidae). *Acta entomol. sin.*, 32(4): 477-479.

Chen, Z.-Y. 1992. A new species of the genus *Stachyomia* Stål from Guangdong Province, China (Hemiptera: Pentatomidae). *Acta Sci. natur. Univ. Sunyatseni*, 31(2): 98-99.

Chen, Z.-Y. 2000. A new species of the genus *Brachymna* (Hemiptera: Pentatomidae: Pentatominae) from Guangdong Province. *Entomotaxonomia*, 22(2): 116-118.

Chen, Z.-Y. & Huang, W.-Z. 1996. A new record species of *Aeliomorpha* Stål from China. *Acta Sci. natur. Univ. Sunyatseni*, 35(5): 126.

Cheng, L. & Li, J. 1979. In: Li, J. Bugs of Ali, Tibet (Pentatomidae, Coreidae and Reduviidae). *Plants and animals of Ali region, Xizang*: 8-12. Science Press, Peking.

China, W.E. 1925. The Hemiptera collected by Prof. J.W. Gregory's expedition to Yunnan, with synonymic notes on allied species. *Ann. Mag. natur. Hist.* (9), 16: 449-485.

China, W.E. 1928. Results of an expedition to Korinch Peak, Sumatra. XIII. Hemiptera: Pentatomoidea collected in Korind, West Sumatra by Messrs. H.C. Robinson and C. Boden Kloss. *J. Fed. Malay States Mus.*, 8: 185-196.

Chopra, N.P. 1974. Studies on the genus *Halys* (Hemiptera: Heteroptera: Pentatomidae). *Oriental Insects*, 8(4): 473-479.

Costa, A. 1847. *Cimicum regni Neapolitani. Centuria secunda. Decas sexta, septima, octava, nona et decima*. 41 pp. Napoli.

Costa, A. 1884. Notizie ed osservazioni sulla geo-fauna Sarda. Memoria terza. Risultamento delle ricerche fatte in Sardegna nella estate del 1883. *Atti r. Accad. Sci. fis. mat. Napoli* (2), 1: 1-64.

Dallas, W.S. 1849. Notice of some hemipterous insects from Boutan (East Indies), with descriptions of the new species. *Trans. entomol. Soc. Lond.*, 5: 186-194.

Dallas, W.S. 1851. List of the specimens of hemipterous insects in the collection of the British Museum. 2 pts., 592 pp., 15 pls. Brit. Mus., London.

Dallas, W.S. 1852. Descriptions of some new species of hemipterous insects belonging to the tribe Scutata. *Trans. entomol. Soc. Lond.* (2), 2: 6-17.

De Geer, C. 1773. *Mémoires pour servir a l'histoire des Insectes*, 3: i-viii, 1-696. Stockholm.

Derzhansky, V.V. 1990. Shield bugs of the genus *Carpocoris* Kol. (Heteroptera, Pentatomidae) in the USSR. *Entomol. Obozr.*, 69(1): 61-70.

Derzhansky, V.V. 1994. Shield bugs of the genus *Sciocoris* (Heteroptera, Pentatomidae) in Russia and adjacent countries. *Zool. Zh.*, 73(2): 81-93.

Distant, W.L. 1879a. Hemiptera from the North-eastern frontier of India. *Ann. Mag. natur. Hist.* (5), 3: 44-53.

Distant, W.L. 1879b. Descriptions of new species of Hemiptera, collected by Dr. Stoliczka during the Forsyth Expedition to Kashgar in 1873-74. *Trans. entomol. Soc. Lond.*, 1879(1): 121-126.

Distant, W.L. 1880. Notes on exotic Rhynchota, with descriptions of new species. *Trans. entomol. Soc. Lond.*, 1880(3): 147-153.

Distant, W.L. 1882. Description of a new species of Pentatomidae from Japan. *Entomol. mon. Mag.*, 19: 76.

Distant, W.L. 1883. First report on the Rhynchota collected in Japan by Mr. George Lewis. *Trans. entomol. Soc. Lond.*, 1883(4): 413-443, pls. 19-20.

Distant, W.L. 1887. Contributions to a knowledge of Oriental Rhynchota. Part 1. Fam. Pentatomidae. *Trans. entomol. Soc. Lond.*, 1887(3): 341-359, pl. 12.

Distant, W.L. 1890. Descriptions of some new species of Chinese Rhynchota. *Entomologist*, 23: 159-160.

Distant, W.L. 1893. On some allied Pentatomidae, with synomical notes. *Ann. Mag. natur. Hist.* (6), 11: 389-394.

Distant, W.L. 1899. Rhynchoraphical notes. – III. Heteroptera: Discoccephalinae and Pentatominae (part). *Ann. Mag. natur. Hist.* (7), 4(24): 421-445.

Distant, W.L. 1900a. Rhynchotal notes. – IV. Heteroptera: Pentatominae (part). *Ann. Mag. natur. Hist.* (7), 5: 386-397.

Distant, W.L. 1900b. Rhynchotal notes. – IV. Heteroptera: Pentatominae (part). *Ann. Mag. natur. Hist.* (7), 5: 420-435.

Distant, W.L. 1900c. Undescribed genera and species belonging to the Rhynchotal family Pentatomidae. *Trans. entomol. Soc. Lond.*, 1900(1): 163-174, pl. 2.

Distant, W.L. 1901a. Enumeration of the Heteroptera (Rhynchota) collected by Signor Leonardo Fea in Burma and its vicinity. Part I. Family Pentatomidae. *Trans. entomol. Soc. Lond.*, 1901(1): 99-114.

Distant, W.L. 1901b. Contributions to a knowledge of the Rhynchota. *Trans. entomol. Soc. Lond.*, 1901(4): 581-592, pl. 16.

Distant, W.L. 1902. *The Fauna of British India, including Ceylon and Burma*. Vol. 1. Heteroptera, xxxviii + 438 pp. London.

Distant, W.L. 1911. Rhynchotal notes. – LIV. Pentatomidae from various regions. *Ann. Mag. natur. Hist.* (8), 7: 338-354.

Distant, W.L. 1918. *The Fauna of British India, including Ceylon and Burma*. Vol. 7. Homoptera: Appendix (cont.), Heteroptera: Addenda, viii + 210 pp. London.

Distant, W.L. 1921. The Heteroptera of Indo-China. *Entomologist*, 54: 3-6, 40-44, 68-69, 164-169.

Dohrn, A. 1860. Zur Heteropterfauna Ceylon's. *Stettin. entomol. Ztg.*, 21(7-9): 399-409.

Drury, D. 1770. *Illustrations of Natural History*. Vol. 1, pp. i-xxvii, 1-130, pls. 1-50. White, London.

Drury, D. 1773. *Illustrations of Natural History*. Vol. 2, pp. i-vii, 1-90, pls. 1-50. White, London.

Ellenrieder, C.A.M.M.V. von. 1862. Eerste bijdrage tot de kennis der Hemipteren van den Indischen Archipel. *Natuurk. Tijdschr. Nederl. Indië*, 24: 130-176, 5 pl.

Eversmann, E. 1837. Insecta Wolgam Fluvium inter et Montes Uralenses observata. *Bull. Soc. Nat. Moscou*, 10(1): 33-39.

Fabricius, J.C. 1775. *Systema entomologiae sistens insectorum classes, ordines, genera, species; adjectis synonymis, locis, descriptionibus et observationibus*. xxxii + 832 pp. Flensburg et Lipsiae.

Fabricius, J.C. 1781. *Species insectorum exhibentes eorum differentias specificas, synonyma auctorum, loca natalia, metamorphosin adjectis observationibus, descriptionibus*. Vol. 2: 494 pp. Bohn, Hamburgi et Kilonii.

Fabricius, J.C. 1787. *Mantissa insectorum sistens eorum species nuper detectas adjectis characteribus genericis, differentiis specificis, emendationibus, observationibus*. Vol. 2: 382 pp. Proft, Hafniae.

Fabricius, J.C. 1794. *Entomologia systematica emendata et aucta secundum classes, ordines, genera, species adjectis synonymis, locis, observationibus, descriptionibus*. Vol. 2: 382 pp. Vol. 4: 472 pp. Proft, Fil. et Soc., Hafniae.

Fabricius, J.C. 1798. *Entomologia systematica emendata et aucta, secundum classes, ordines, genera, species, adjectis synonymis, locis, observationibus. Supplementum. ii + 572 pp.* Proft et Storch, Hafniae.

Fabricius, J.C. 1803. *Systema Rhynchorum secundum ordines, genera, species adjectis synonymis, locis, observationibus, descriptionibus*. x + 335 pp. Reichenbach, Brunsvigae.

Fallou, G. 1881. Hemiptères nouveaux de la Chine. *Naturaliste*, 3: 340-341.

Ferrari, P.M. 1874. Hemiptera agri Ligustici. *Ann. Mus. civ. Stor. natur. Genova*, 6: 114-216.

Fieber, F.X. 1837. Beiträge zur Kenntniss der Schnabelkerfe (Rhynchota). *Beitr. gesamt. Natur- Heilwiss.*, 1: 337-355.

Fieber, F.X. 1851. Rhynchographieen. Drei monographische Abhandlungen. *Abh. böhm. Ges. Wiss.* (5), 7: 424-488.

Fieber, F.X. 1861. *Die europäischen Hemiptera. Halbflügler (Rhynchota Heteroptera)*. Nach der analytischen Methode bearbeitet. Pp. 113-444. Gerold, Wien.

Fieber, F.X. 1868. Die europäischen Aelia-Arten. *Verhandl. zool.-bot. Ges. Wien*, 18: 465-478, pl. 5, 6.

Flor, G. 1856. *Rhynchotum Livonicorum Descriptio. Familia prima: Longiscuti Am. et Serv. Scutati Burm.* 78 pp.

Flor, G. 1860. Die Rhynchten Livlands in systematischer Folge beschrieben. Erster Theil. *Arch. Naturk. Liv-, Ehst- und Kurlands*, 2(3): 1-825.

Förster, B. 1891. Die Insekten des „plattigen Steinmergels“ von Brunstatt. *Abhandl. geol. Spezialkarte Elsass-Lothringen*, 3: 335-358.

Garbiglietti, A. 1869. Catalogus methodicus et synonomicus Hemipterorum Eteropterorum (Rhygotha Fabr.) Italiae indigenarum. Accedit descriptio aliquot specierum vel minus vel nondum cognitarum. *Boll. Soc. entomol. Ital.*, 1: 41-52, 105-124, 181-198, 271-281.

Germar, E.F. 1814. *Fauna insectorum Europae*. Fasc. 2. Kümmel, Halae.

Germar, E.F. 1821. *Fauna insectorum Europae*. Fasc. 4. Kümmel, Halae.

Germar, E.F. 1824. *Fauna insectorum Europae*. Fasc. 9. Kümmel, Halae.

Germar, E.F. 1834. *Fauna insectorum Europae*. Fasc. 17. Kümmel, Halae.

Germar, E.F. 1838. Hemiptera Heteroptera promontorii Bonae Spei nondum descripta, quae collegit C. F. Drège. *Silbermann's Rev. entomol.*, 5, (1837): 121-192.

Ghauri, M.S.K. 1963. A preliminary revision of the little-known genus *Critheus* Stål (Pentatomidae, Heteroptera). *Ann. Mag. natur. Hist.* (13), 5, (1962): 407-415.

Ghauri, M.S.K. 1977. *Sarju* – a new genus of Halyini (Heteroptera, Pentatomidae, Pentatominae) with new species. *Türk. Bitki Koruma Derg.*, 1(1): 9-27.

Ghauri, M.S.K. 1988. A revision of Asian species of the genus *Halyus* Fabricius based on the type material (Insecta, Heteroptera, Pentatomidae, Pentatominae). *Entomol. Abhandl. staatl. Mus. Tierk. Dresden*, 51(6): 77-92.

Gistel, J. 1848. *Naturgeschichte des Thierreichs für höhere Schulen*. xvi, 216 pp. Stuttgart.

Gistel, J. 1857. *Achthundert und zwanzig neue oder unbeschriebene wirbellose Thiere*. 94 pp. Gistel, Straubing.

Gmelin, J.F. 1790. *Carola a Linne Systema Naturae, etc.* 1(4): 1517-2224. Lipsiae.

Goeze, J.A.E. 1778. *Entomologische Beyträge zu des Ritter Linné zwölfen Ausgabe des Natursystems*. Vol. 2, 72 + 352 pp. Leipzig.

Gorski, S.B. 1852. *Analecta ad Entomographiam provinciarum occidentali-meridionalium Imperii Rossici*, 1. 19 + 214 pp., 3 pls. Nicolai, Berolini.

Haglund, C.J.E. 1868. Hemiptera nova. *Stettin. entomol. Ztg.*, 29: 150-163.

Hahn, C.W. 1833. *Die Wanzenartigen Insekten*, 1(4): 119-158; 1(5): 159-190. Zeh, Nürnberg.

Hahn, C.W. 1834. *Die Wanzenartigen Insekten*, 2(2): 33-60. Zeh, Nürnberg.

Halászfy, C.É. 1955. A new species, some new varieties and forms of the superfamily Pentatomoidea. *Ann. hist.-natur. Mus. nat. hung.* (N.S.), 6: 367-369.

Harris, M. 1780. An exposition of English Insects, including the several classes of Neuroptera, Hymenoptera, & Diptera, or bees, flies, & libellulae. London, pp. 73-166.

Herrich-Schäffer, G.A.W. 1830. *Panzer's Faunae Insectorum Germanicae*. Heft 112-114. Manz, Regensburg.

Herrich-Schäffer, G.A.W. 1833. *Panzer's Faunae Insectorum Germanicae*. Heft 115-120. Manz, Regensburg.

Herrich-Schäffer, G.A.W. 1840. *Die Wanzenartigen Insekten*, 5(5): 73-88. Zeh, Nürnberg.

Herrich-Schäffer, G.A.W. 1844. *Die Wanzenartigen Insekten*, 7(5): 81-104. Zeh, Nürnberg.

Herrich-Schäffer, G.A.W. 1853. *Die Wanzenartigen Insekten*, 9: 1-31 liter. and 1-210 index. Lotzbeck, Nürnberg.

Hoberlandt, L. 1956. Results of the zoological scientific expedition of the National Museum in Praha to Turkey 18. Hemiptera IV. Terrestrial Hemiptera-Heteroptera of Turkey. *Acta entomol. Mus. nat. Pragae, suppl. 3*, (1955): 1-276.

Hoffmann, W.E. 1932a. A list of the Pentatomidae, Plataspidae, and Coreidae (order Hemiptera) of China, Korea, and Indo-China. *J. Pan-Pacific Res. Inst.*, 7(1): 6-11.

Hoffmann, W.E. 1932b. On pentatomids collected by the Lingnan University fifth Hainan Island Expedition, 1929. *Lingnan Sci. J.*, 11(1): 139-141.

Hoffmann, W.E. 1935. An abridged catalogue of certain Scutelleroidea (Plataspidae, Scutelleridae, and Pentatomidae) of China, Chosen, Indo-China, and Taiwan. *Lingnan Univ. Sci. Bull.*, 7: 1-294, 2 maps.

Hoffmann, W.E. 1954. Third supplement to a catalogue of Scutelleroidea. *Philippine J. Sci.*, 82: 309-318.

Horváth, G. 1879. Hemiptera-Heteroptera a Dom. Joanne Xantus in China et in Japonia collecta. *Term. Füz.*, 3(2-3): 141-152, pl. 7.

Horváth, G. 1882. Hemiptera nova vel minus cognita. II. *Term. Füz.*, 5: 217-225.

Horváth, G. 1883. Heteroptera anatolica in regione Brussae collecta. *Term. Füz.*, 7: 21-30.

Horváth, G. 1888. Matériaux pour servir a l'étude des Hémiptères de la faune paléarctique. *Rev. Entomol.*, 7: 168-189.

Horváth, G. 1889a. Analecta ad cognitionem Heteropterorum Himalayensium. *Term. Füz.*, 12: 29-40.

Horváth, G. 1889b. Beitrag zur Hemipteren-Fauna von Turkmenien. *Wien. entomol. Ztg.*, 8(5): 169-174.

Horváth, G. 1892. Hemiptera nonnulla nova Asiatica. *Term. Füz.*, 15: 134-137.

Horváth, G. 1895. Hemiptera nova Turkestanica. *Term. Füz.*, 18(3-4): 221-225.

Horváth, G. 1897a. Description d'Hémiptères nouveaux et notes diverses. *Rev. Entomol.*, 16: 81-97.

Horváth, G. 1897b. Hemipterák. In: Széchenyi, B. *Scientific results of trips to East Asia*, 10: 693-698.

Horváth, G. 1899. Heteroptera nova Europæ regionumque confinium in Museo Nationali Hungarico asserata. *Term. Füz.*, 22: 444-451.

Horváth, G. 1903. Pentatomidae novæ extraeuropææ. *Ann. hist.-natur. Mus. nat. hung.*, 1: 400-409.

Horváth, G. 1904. Insecta Heptapotamica a DD. Almásy et Stummer-Traufels collecta. I. Hemiptera. *Ann. hist.-natur. Mus. nat. hung.*, 2: 574-590.

Horváth, G. 1908. Hemiptera nova vel minus cognita e regione palæarctica. *Ann. hist.-natur. Mus. nat. hung.*, 5, (1907): 289-323.

Horváth, G. 1909. Adnotationes synonymicae de Hemipteris nonnullis extraeuropæis. *Ann. hist.-natur. Mus. nat. hung.*, 7: 631-632.

Horváth, G. 1917. Heteroptera palæarctica nova vel minus cognita I. *Ann. hist.-natur. Mus. nat. hung.*, 15: 365-381.

Horváth, G. 1936. Monographia Pentatomidarum genero *Bagrada*. *Ann. hist.-natur. Mus. nat. hung.*, 30: 22-47.

Hsiao, T.-Y. 1981. [New taxa of Pentatomidae]. In: Zhang, S.-M. & Lin, Y.-J. 1981. Hemiptera: Pentatomoidae. *Insects of Xizang*, 1: 133-144. Science Press, Peking.

Hsiao, T.-Y. & Cheng, L.-Y. 1977. In: Hsiao, T.-Y., Cheng, L.-Y., Ren, S.-Z. et al. *A handbook for the determination of the Chinese Hemiptera-Heteroptera*. Vol. 1. 330 pp, 52 pls.

Hutchinson, G.E. 1934. Yale North India Expedition. Report on terrestrial families of Hemiptera-Heteroptera. *Mem. Conn. Acad. Arts Sci.*, 10: 119-146.

Illiger, C. 1807. In: Rossi, P. *Fauna Etrusca sistens Insecta quae in Provinciis Florentina et Pisana praesertim collegit. Iterum edita et annotatis perpetuis aucta*. Vol. 2. vi + 511 pp., 11 tab. Helmstadii, Fleckeisen.

Jakovlev, B.E. 1869. Materialien zur entomologischen Fauna der Wolga-Gegend. I-II. *Horae Soc. entomol. ross.*, 6(3): 109-126.

Jakovlev, B.E. 1871. Contributions to the entomological fauna of the Volga region. III-V. *Trudy russ. entomol. Obshch.*, 6(1): 3-34.

Jakovlev, B.E. 1874a. Contributions to the entomological fauna of the european Russia. I-III. *Trudy russ. entomol. Obshch.*, 7(2), (1873): 7-43.

Jakovlev, B.E. 1874b. Hemiptera Heteroptera of the Astrakhan region. *Bull. Soc. imp. Natur. Moscou*, 48(2): 218-277.

Jakovlev, B.E. 1874c. Contributions to the entomological fauna of european Russia. IV. *Trudy russ. entomol. Obshch.*, 8(1): 46-82.

Jakovlev, B.E. 1876a. New bugs, Hemiptera Heteroptera, of the Russian fauna. *Bull. Soc. imp. Natur. Moscou*, 50-51(3): 85-124.

Jakovlev, B.E. 1876b. Description of new bugs of the Russian fauna. *Horae Soc. entomol. ross.*, 9(3): 216-228, 9(4): 229-232.

Jakovlev, B.E. 1879. Bugs (Hemiptera Heteroptera) of the Caucasian region. *Trudy russ. entomol. Obshch.*, 12(1-2): 3-176.

Jakovlev, B.E. 1881. Contributions to the fauna of the bugs of Russia and the neighboring countries. V-VIII. *Bull. Soc. imp. Natur. Moscou*, 56(1): 194-214.

Jakovlev, B.E. 1883. Neue Rhynchoten der Russischen fauna. *Rev. mens. Entomol.*, 1(1): 14-16.

Jakovlev, B.E. 1885. Hemiptera Heteroptera aus Achal-Tekke. *Horae Soc. entomol. ross.*, 19(1-2): 98-129.

Jakovlev, B.E. 1887. New Pentatomidae of the Russian-Asiatic fauna. *Horae Soc. entomol. ross.*, 21(3-4): 297-311.

Jakovlev, B.E. 1889a. Hemiptera Heteroptera Irkutensia nova. *Horae Soc. entomol. ross.*, 23(1-2): 50-71.

Jakovlev, B.E. 1889b. Insecta in itinere Cl. N. Przewalskii in Asia Centrale novissime lecta. XVI. Hemiptera Heteroptera. *Horae Soc. entomol. ross.*, 24(1-2): 235-243.

Jakovlev, B.E. 1890. Insecta, a Cl. G. N. Potanin in China et in Mongolia novissime lecta. XVII. Hemiptera-Heteroptera. *Horae Soc. entomol. ross.*, 24(3-4): 540-560.

Jakovlev, B.E. 1894. Hemiptera Heteroptera palaearctica nova. *Horae Soc. entomol. ross.*, **28**(1-2): 128-139.

Jakovlev, B.E. 1900. Notes hémiprétologiques. I-II. *Horae Soc. entomol. ross.*, **34**(3-4): 517-523.

Jakovlev, B.E. 1901. Hémiptères-Hétéroptères nouveaux de la faune paléarctique. *Revue russe Entomol.*, **1**(1-2): 33-35.

Jakovlev, B.E. 1902a. New species of the genus *Eusarcoris* Hahn (Hemiptera-Heteroptera, Pentatomidae) from the Far East. *Horae Soc. entomol. ross.*, **35**(3-4): 598-602.

Jakovlev, B.E. 1902b. Synopsis des *Peribalus* paléarctiques. *Revue russe Entomol.*, **2**(3): 157-159.

Jakovlev, B.E. 1903a. Hémiptères-Hétéroptères nouveaux de la faune paléarctique. IV. *Revue russe Entomol.*, **3**(1): 1-4.

Jakovlev, B.E. 1903b. Hémiptères-Hétéroptères nouveaux de la faune paléarctique. VI. *Revue russe Entomol.*, **3**(3-4): 191-195.

Jakovlev, B.E. 1903c. A review of the species of the genus *Neottiglossa* Curt. (Hemiptera-Heteroptera, Pentatomidae) of the palaeartic fauna. *Horae Soc. entomol. ross.*, **36**(3-4): 325-331.

Jakovlev, B.E. 1904a. *Palomena limbata*, n. sp., and its Palaeartic related species (Hemiptera-Heteroptera, Pentatomidae). *Horae Soc. entomol. ross.*, **37**(1-2): 71-73.

Jakovlev, B.E. 1904b. Hémiptères-Hétéroptères nouveaux de la faune paléarctique. IX. *Revue russe Entomol.*, **4**(1): 23-26.

Jakovlev, B.E. 1905. Contribution a l'étude du genre *Carpocoris* Kolenati: le sousgenre *Antheminia* M. R (Hemiptera-Heteroptera, Pentatomidae). *Revue russe Entomol.*, **5**(3-4): 99-102.

Jensen-Haarup, A.C. 1937. Einige neue Pentatomidenarten aus der Sammlung des Zoologischen Museums in Hamburg (Hem. het.). *Entomol. Rundschau*, **54**: 169-171, 321-324.

Josifov, M.V. 1986. Verzeichnis der von den Balkanhalbinsel bekannten Heteropterenarten. *Faun. Abhandl. staatl. Mus. Tierk. Dresden*, **14**(6): 61-93.

Josifov, M.V. & Kerzhner, I.M. 1978. Heteroptera aus Korea. II. Teil (Aradidae, Berytidae, Lygaeidae, Pyrrhocoridae, Rhopalidae, Alydidae, Coreidae, Urostyliidae, Acanthosomatidae, Scutelleridae, Pentatomidae, Cydnidae, Plataspidae). *Fragm. faun.*, **23**(9): 137-196.

Kerzhner, I.M. 1972a. New and little-known Heteroptera from the Far East of the USSR. *Trudy zool. Inst. Akad. Nauk SSSR*, **52**: 276-295.

Kerzhner, I.M. 1972b. New and little-known Heteroptera from Mongolia and from adjacent regions of the USSR. I. *Nasekomye Mongoli*, **1**(1): 349-379.

Kerzhner, I.M. 1978. Heteroptera of Sakhalin and Kurile Islands. *Trudy biol.-poch. Inst. dalnevost. nauch. Tsentr Akad Nauk SSSR* (n. s.), **50** (=153): 31-57.

Kerzhner, I.M. & Josifov, M. 1966. Beschreibung neuer Arten von Landwanzen (Heteroptera) aus der Mongolischen Volksrepublik und Bemerkungen über *Phytocoris turkestanicus* Pop. *Bull. Acad. polon. Sci. Cl. II*, **14**(9): 627-634.

Kiritschenko, A.N. 1911. Neue und noch wenig bekannte Hemipteren des russischen Fauna. *Rev. russe Entomol.*, **11**(1): 80-95.

Kiritschenko, A.N. 1912. Hemiptera-Heteroptera turanica nova. I. *Rev. russe Entomol.*, **12**(3): 377-389.

Kiritschenko, A.N. 1914a. Hemiptera-Heteroptera turanica nova. II. *Rev. russe Entomol.*, **13**(3-4), (1913): 397-415.

Kiritschenko, A.N. 1914b. Hemiptera-Heteroptera turanica nova. III. *Rev. russe Entomol.*, **14**(2-3): 181-202.

Kiritschenko, A.N. 1922. Analecta hemipterologica. II. *Rev. russe Entomol.*, **18**(1): 8-19.

Kiritschenko, A.N. 1931. Hemiptera-Heteroptera of the third Mount Everest Expedition, 1924. I. *Ann. Mag. natur. Hist.* (10), **7**(40): 362-385.

Kiritschenko, A.N. 1947. De Halyinarum genere novo (Heteroptera, Pentatomidae). *Rev. russe Entomol.*, **29**(1-2): 72-76.

Kiritschenko, A.N. 1952. New and little known Hemiptera-Heteroptera of Tadzhikistan. *Trudy zool. Inst. Akad. Nauk SSSR*, **10**: 140-198.

Kiritschenko, A.N. 1964. *Hemiptera-Heteroptera of Tajikistan*. 258 pp. Dushanbe.

Kirkaldy, G.W. 1904. Bibliographical and nomenclatorial notes on the Hemiptera. – No. 3. *Entomologist*, **37**: 279-283.

Kirkaldy, G.W. 1909. *Catalogue of the Hemiptera (Heteroptera) with biological and anatomical references, lists of foodplants and parasites, etc. Vol. I. Cimicidae*. xl + 392 pp. Berlin.

Kirkaldy, G.W. 1910. A list of the Hemiptera of oriental China. Part II. *Ann. Soc. entomol. Belg.*, **54**(4): 103-112.

Klug, J.C.F. 1845. *Symbolae physicae, seu icones et descriptiones insectorum, quae ex itinere per Africam borealem et Asiam F.G. Hemprich et C.H. Ehrenberg studio novae aut illustratae redierunt*. Part 5, 50 pls and text. Berolini.

Kolenati, F.A. 1846. *Meletemata Entomologica. Fasc. IV Hemiptera Caucasi. Pentatomidae monographice dispositae*. 72 pp., 2 pls. Petropoli.

Kormilev, N. 1936. I. Prilog poznavanju Hemiptera-Heteroptera Jugoslavije. Južna Srbija i Srbija. *Glasnik Soc. Sci. Skoplje*, **17**(5): 29-54.

Krynický, J. 1871. [Descriptions of new species]. In: Ivanov, P. & Chernay, A. List of bug species (Hemiptera-Heteroptera Latr.) occurring in Kupyansk and its environs. *Trudy Obshch. Ispyt. Prirody imp. Khar'kov. Univ.*, **4**: 71-76.

Küster, H.C. 1852. Beiträge zur europäischen Rhynchopterafauna. *Stettin. entomol. Ztg.*, **13**(11): 386-397.

LePeletier, A.L.M. & Serville, J.G.A.. 1828. Articles on Hemiptera. In: Olivier, G.A. (ed.), *Encyclopédie Méthodique*. Vol. 10, pp. 345-833. Agasse, Paris.

Leston, D. 1952. Notes on the Ethiopian Pentatomidae (Hem.). I. The genotype of *Antestia* Stal. *Rev. zool.-bot. afr.*, **45**(3-4): 268-270.

Leston, D. 1954. *Brachycoris* Stål and *Saceurus* Bredin (Hem., Pentatomidae), with the description of an unusual maxillary plate tubercle in the former. *Idea*, **10**(1-2): 9-10.

Lin, Y.-J. & Zhang, S.-M. 1984. Three new species of Pentatomidae from Yunnan, China. *Entomotaxonomia*, **6**(4): 267-270.

Lin, Y.-J. & Zhang, S.-M. 1985. New species and new records of Pentatominae from China (Hemiptera: Pentatomidae). *Acta Agric. Univ. Jiangxiensis*, **25**: 7-10.

Lin, Y.-J. & Zhang, S.-M. 1989. Two new species of *Prionaca* Dallas from China (Hemiptera: Pentatomidae). *Acta zoootaxon. sinica*, **14**(3): 332-334.

Lin, Y.-J. & Zhang, S.-M. 1992. In: Zhang, S.-M., Lin, Y.-J. & Gui, A.-L. Hemiptera: Pentatomidea. In: Peng, J.-W. & Liu, Y.-Q. (eds.), *Iconography of Forest Insects in Hunan, China*: 219-248. Acad. Sin. and Hunan Forestry Inst., Hunan, China.

Lin, Y.-J. & Zhang, S.-M. 1993. Hemiptera: Pentatomidea. In: Huang, C.-M. (ed.). *The Series of the Bioresources Expedition to the Longqi Mountain*

Nature Reserve: Animals of Longqi Mountain: 106-139. China Forestry Publ. House, Beijing, China.

Lin, Y.-J., Zhang, S.-M. & Xiong, J. 1992. Hemiptera: Pentatomidae. In: Huang, F.-S. (ed.). *Insects of Wuling mountains area, southwestern China:* 168-181. Science Press, Beijing.

Lindberg, H. 1934. Schwedisch-chinesische wissenschaftliche Expedition nach den nordwestlichen Provinzen Chinas, unter Leitung von Dr. Sven Hedin und Prof. Sü Ping-chang. Insekten gesammelt vom schwedischen Arzt der Expedition Dr. David Hummel 1927-1930. 47. Hemiptera 2. Hemiptera Heteroptera. *Ark. Zool.*, **27A**(28): 1-43, 4 pls.

Ling, Z. 1988. Description of a new species of *Pentatoma* Olivier from Sichuan and male genitalia of *Pentatoma distincta* Hsiao et Cheng 1977 (Hemiptera: Pentatomidae). *Entomotaxonomia*, **10**(3-4): 271-273.

Ling, Z.-P. 1989. Two new species of *Eurydema* Laporte from the western part of Sichuan, China (Heteroptera: Pentatomidae). *Acta zootaxon. sin.*, **14**(2): 193-197.

Ling, Z.-P. & Zheng, L.-Y. 1987. A study on the systematics of *Pentatoma* Olivier (Heteroptera: Pentatomidae). *Entomotaxonomia*, **9**(1): 39-50.

Linnaeus, C. von. 1758. *Systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. Editio decima, reformata, 1:* 1-823. Holmiae.

Linnaeus, C. von. 1761. Fauna Suecia sistens animalia Sueciae regni; quadrupedia, aves, amphibia, pisces, insecta, vermes distributa per classes, et ordines, genera et species, cum differentiis specierum, synonymis autorum, nominibus incolarum, locis habitationum, descriptionibus insectorum. (2nd ed.). *Edito decima, reformata, 1*: 1-823. Holmiae. xlvi + 578 pp., 2 pls. Stockholmiae.

Linnaeus, C. von. 1767. *Systema naturae per regna tria naturae secundum classes, ordines, genera, species cum characteribus, differentiis, synonymis, locis. Editio duodecima, reformata, 1*(2): 687-743. Holmiae.

Linnavuori, R. 1975. Hemiptera Heteroptera of the Sudan with remarks on some species of the adjacent countries. Part 5. Pentatomidae. *Bol. Soc. portug. Ci. natur.*, **15**(2): 5-128.

Linnavuori, R.E. 1982. Pentatomidae and Acanthosomatidae (Heteroptera) of Nigeria and the Ivory Coast, with remarks on species of the adjacent countries in West and Central Africa. *Acta zool. fenn.*, **163**: 1-176.

Lis, J.A. 1990. Shield-bugs of Poland (Heteroptera, Pentatomidae) – A faunistic review. *Pentatomidae. Ann. upper siles. Mus., Entomol.*, **1**: 5-102.

Liu, Q.-A. & Zheng, L.-Y. 1994. On the Chinese species of *Plautia* Stål (Hemiptera: Pentatomidae). *Entomotaxonomia*, **16**(4): 235-248.

Liu, Q.-A. & Zheng, L.-Y. 1995. A new species of the genus *Pentatoma* Oliver from China (Heteroptera: Pentatomidae). *Acta zootaxon. sin.*, **20**(3): 354-356.

Lucas, H. 1849. L'histoire naturelle des animaux articulés de l'Algérie. In: *Exploration scientifique de l'Algérie pendant les années 1840, 1841, 1842 publiée par ordre du gouvernement et avec le concours d'une commission académique. Sciences Physiques. Zoologie*, vol. 3, 403 pp. Paris.

Martin, M.J. 1902. Hémiptères Hétéroptères nouveaux d'Asie. *Bull. Mus. Hist. natur.*, **8**: 333-337.

Montandon, A.L. 1886. Hémiptères-Hétéroptères des environs de Gorice (Illyrie) et description d'une espèce nouvelle. *Rev. Entomol.*, **5**: 105-111.

Motschulsky, V. 1860. Catalogue des insectes rapportés des environs du fl. Amour, depuis la Schilka jusqu'à Nikolaevsk, examinés et énumérés. *Bull. Soc. imp. Natur. Moscou*, **32**(2), (1859): 487-507.

Motschulsky, V. 1861. Insectes du Japon. In: Motschulsky, V. *Etudes Entomologiques*, **10**: 1-24.

Motschulsky, V. 1866. Catalogue des insectes reçus du Japon. *Bull. Soc. imp. Natur. Moscou*, **39**(1): 163-200.

Müller, O.F. 1776. *Zoologiae Danicae prodromus, seu animalium Daniae et Norwegiae indigenarum characteres, nomina, et synonyma imprimis popularium. xxxii + 282 pp.* Hafniae.

Mulsant, E. & Rey, C. 1866. *Histoire Naturelle des Punaises de France. Vol. II. Pentatomides.* 372 pp. Savy & Deyrolle, Paris.

Mulsant, E. & Rey, C. 1868. Description d'une espèce nouvelle de Pentatomide. *Opuscules entomologiques*, **18**: 123-125.

Nietner, J. 1861. Observations on the enemies of the coffee-tree in Ceylon. 31 pp. Ceylon Times Office. [Not seen].

Oshanin, B. 1870. Descriptions of new species of Heteroptera. *Bull. Soc. imp. Natur. Moscou*, **43**(1): 128-135.

Oshanin, B. 1871. On heteropterous insects of the Zaravshan Valley. *Izv. imp. Obshch. Lyubit. Estestvozn. Antropol. Etnogr. imp. Mosk. Univ.*, **8**: 194-213.

Palisot de Beauvois, A.M.F.J. 1811. *Insectes recueillis en Afrique et en Amérique, dans les royaumes d'Oware et de Benin, a Saint-Domingue et dans les États-Unis pendant les années 1786-1797.* Parts 7-8: 101-136. Fain, Paris.

Poda, N. 1761. *Insecta Musei Graecensis, quae in ordinibus, genera et species juxta Systema Naturae Linnaei digesti.* 127 + 18 pp., 2 pls. Widmanstad.

Puton, A. 1871. [untitled note]. *Petites Nouv. entomol.*, **1**: 124-125.

Puton, A. 1881. *Synopsis des Hémiptères Hétéroptères de France.* Vol. 2. 129 pp. Remiremont.

Puton, A. 1886. *Catalogue des Hémiptères (Hétéroptères. Cicadines et Psyllides) de la faune paléarctique. Troisième édition.* 99 pp. Trésorier, Caen.

Puton, A. 1898. Quatre Hémiptères nouveaux. *Rev. Entomol.*, **17**(11-12): 273-274.

Reiche, L. & Fairmaire, L. 1848. Ordre des Hémiptères. In: Ferret & Galinier, *Voyage en Abyssinie*, **3**: 433-450. Paulin, Paris.

Reuter, O.M. 1879a. Diagnoses Hemipterorum novorum. *Öfv. finsk. Vet.-Soc. Förh.*, **21**: 30-41.

Reuter, O.M. 1879b. De Hemipteris e Sibiria orientali nonnullis adnotationes criticae. *Öfv. finsk. Vet.-Soc. Förh.*, **21**: 42-63.

Reuter, O.M. 1881a. Analecta hemipterologica. Zur Artenkenntniss, Synonymie und geographischen Verbreitung palaearktischer Heteropteren. *Berlin. entomol. Z.*, **25**(1-2): 155-196.

Reuter, O.M. 1881b. Diagnoses quatuor novarum Pentatomidarum. *Entomol. mo. Mag.*, **17**: 233-234.

Reuter, O.M. 1884. Sibiriska Hemiptera. *Öfv. finsk. Vet.-Soc. Förh.*, **26**: 22-35.

Reuter, O.M. 1888a. Hemiptera Sinensis enumeravit ac novas species descripsit. *Rev. Entomol.*, **7**: 63-69.

Reuter, O.M. 1888b. In: Autran, E. and O. M. Reuter. 1888. Hemiptera Amurensia. *Rev. Entomol.*, **7**: 199-202.

Reuter, O.M. 1891. Hemiptera Heteroptera från traktema kring Sajanska bärsgeskjan, insamlade af K. Ehnborg och R. Hammarström. *Öfv. finsk. Vet.-Soc. Förh.*, **33**: 166-208.

Reuter, O.M. 1900. Heteroptera palaearctica nova et minus cognita. I. *Öfv. finsk. Vet.-Soc. Förh.*, **42**: 209-239.

Reuter, O.M. 1908. Einige von A. Becker und A. Kouschakewitsch benannte Hemiptera-Heteroptera. *Annu. Mus. zool. Acad. imp. Sci. St. Pétersbourg*, **12**: 541-545.

Reuter, O.M. 1910. Mitteilungen über einige Hemipteren des Russischen Reiches. *Horae Soc. entomol. ross.*, **39**: 73-88.

Reuter, O.M. 1913. Ausführliche Beschreibungen einiger paläarktischen Hemipteren. *Öfv. finsk. Vet.-Soc. Förh.*, **55A**(14): 1-111, 1 pl.

Rider, D.A. 1997. Rolstoniellini, replacement name proposed for Compastini Distant, 1902, a tribal name based on a generic junior homonym (Heteroptera: Pentatomidae: Pentatominae). *J. New York entomol. Soc.*, **103**(4), (1995): 401-403.

Rider, D.A. 1998. Nomenclatural changes in the Pentatomidea (Hemiptera-Heteroptera: Cydnidae, Pentatomidae). II. Species level changes. *Proc. entomol. Soc. Washington*, **100**(3): 449-457.

Rider, D.A. & Rolston, L.H. 1995. Nomenclatural changes in the Pentatomidae (Hemiptera-Heteroptera). *Proc. entomol. Soc. Washington*, **97**(4): 845-855.

Rider, D.A. & Zheng, L.-Y. 2002. Checklist and nomenclatural notes on the Chinese Pentatomidae (Heteroptera) I. Asopinae. *Entomotaxonomia*, **24**(2): 107-115.

Roche, P.J.L. 1979. Notes on *Plautia* Stål and allied African genera (Heteroptera: Pentatomidae). *Rev. zool. afr.*, **93**(3): 601-620.

Rossi, P. 1790. *Fauna Etrusca, sistens insecta quae in provinciis Florentina et Pisana praesertim collegit.* Vol. 2. 348 pp. Masi, Liburni.

Sahlberg, J.R. 1870. Hemiptera Heteroptera samlade under en resa i ryska Karelen sommaren 1869. *Medd. Soc. Fauna et Flora fenn.*, **11**: 277-307.

Saunders, E. 1877. Descriptions of a new genus and three new species of European Hemiptera. *Entomol. mo. Mag.*, **14**: 103-104.

Scholtz, H. 1847. Prodromus zu einer Rhynchten-Fauna von Schlesien. *Uebers. Arb. Veränd. schles. Ges. vaterl. Kultur*, **1846**: 104-164.

Schrank, F. von P. 1776. *Beiträge zur Naturgeschichte*: 1-137. Leipzig.

Schrank, F. von P. 1781. *Enumeratio insectorum Austriae indigenorum*. 9 + 548 pp., 4 pls. Klett & Franck, Augustae Vindelicorum (= Augsburg).

Schumacher, F. 1911a. Eine neue *Sciocoris*-Art aus Deutschland (Hem. Het. Pent.). *Berlin. entomol. Z.*, **56**: 148.

Schumacher, F. 1911b. In: Schirmer, C. & Schumacher, F. Beiträge zur Kenntnis der Rhynchtenfauna Deutschlands (Hem.) III. Beitrag zu einem Verzeichnis der Rhynchten der Umgebung Berlins, speziell der Buckower Gegend. *Deutsche entomol. Z.*, **1911**(6): 671-680.

Scopoli, J.A. 1763. *Entomologia Carniolica exhibens insecta Carnioliae indigena et distributa in ordines, genera, species, varietates. Methodo Linnaeana*. xxxvi + 420 pp. Trattner, Vindobonae.

Scott, J. 1874. On a collection of Hemiptera Heteroptera from Japan. Descriptions of various new genera and species. *Ann. Mag. natur. Hist.* (4), **14**(82): 289-304, 360-365, 426-452.

Scott, J. 1880. On a collection of Hemiptera from Japan. *Trans. entomol. Soc. London*, **1880**(4): 305-317.

Seabra, A.F. de. 1925. Observations sur quelques modalités particulières du "Carpocoris fuscispinus" du Portugal. *Mem. Estud. Mus. zool. Univ. Coimbra* (1) 4: 7-11.

Shiraki, T. 1913. Report on the injurious insects of Formosa. *Extra-Rep. Agr. Expt. Stn. Formosa (Taihoku)*, **8**: 193-227.

Sienkiewicz, I. 1954. Trei specii de Pentatomidae noi pentru R.P.R. *Bul. Ști. Acad. Repub. Pop. Rom.*, **6**(4): 1225-1231.

Signoret, V. 1880. Description d'un genre nouveau et de nouvelles espèces d'Hémiptères. *Ann. Soc. entomol. France* (5), **10**: xxxiii-xxxv.

Spinola, M. 1837. *Essai sur les genres d'insectes appartenants à l'ordre des Hémiptères, Lin. ou Rhynctes, Fab. et à la section des Hétéroptères*, Dufour. 383 pp. Graviers, Genova.

Stål, C. 1853. Nya Hemiptera från Cafferlandet. *Öfv. kong. Vet.-Akad. Förh.*, **10**(9): 209-227.

Stål, C. 1854. Nya Hemiptera. *Öfv. kong. Vet.-Akad. Förh.*, **11**(8): 231-255.

Stål, C. 1855. Nya Hemiptera. *Öfv. kong. Vet.-Akad. Förh.*, **12**(4): 181-192.

Stål, C. 1858. Beitrag zur Hemipteren-Fauna Sibiriens und des Russischen Nord-Amerika. *Stettin. entomol. Ztg.*, **19**: 175-198, pl. 1.

Stål, C. 1860. Hemiptera. Species novas. *Kongliga svenska fregatten Eugenies resa omkring jorden. Under befel af C.A. Virgin, aren 1851-53*, Zoologi IV. Insekter (Pt. 27): 219-298, pls. 3-4.

Stål, C. 1861. Miscellanea hemipterologica. *Stettin. entomol. Ztg.*, **22**: 129-153.

Stål, C. 1865. Hemiptera nova vel minus cognita. *Ann. Soc. entomol. France* (4), **5**: 163-188.

Stål, C. 1867. Bidrag till Hemipterernas systematik. *Öfv. kong. Vet.-Akad. Förh.*, **24**(7): 501-522.

Stål, C. 1869. Analecta hemipterologica. *Berlin. entomol. Z.*, **13**: 225-242.

Stål, C. 1871. Hemiptera insularum Philippinarum. Bidrag till Philippinska öarnes Hemipter-fauna. *Öfv. kong. Vet.-Akad. Förh.*, **27**(7), (1870): 607-776, pls. 7-9.

Stål, C. 1876. Enumeratio Hemipterorum. Bidrag till en förteckning öfver alla hittills kända Hemiptera, jemte systematiska meddelanden. *Kong. Sv. Vet.-Akad. Handl.*, **14**(4): 1-162.

Stichel, W. 1924. Heteropterologische Notizen. *Int. entomol. Z.*, **18**(33): 201-203.

Stichel, W. 1960-1962. *Illustrierte Bestimmungstabellen der Wanzen. II. Europa (Hemiptera-Heteroptera Europae)*. Vol. 4, Pentatomorpha, Aradoidea. 838 pp. Berlin-Hermsdorf.

Sulzer, J.H. 1776. *Abgekürzte Geschichte der Insecten nach dem Linaeischen System*. Vol. 1. 274 + 71 pp., 32 pls. Steiner, Winterthur.

Tamanini, L. 1957. Alcuni appunti sulla biologia e sulle più comuni forme di colore dell'*Eurydema ventralis* Kol. (Hemiptera, Pentatomidae). *Mem. Soc. entomol. ital.*, **36**(2): 113-120.

Tamanini, L. 1958. Due nuovi *Carpocoris* della sottoregione mediterranea (Heteroptera, Pentatomidae). *Ann. Mus. civ. Stor. natur. Genova*, **70**: 165-172.

Tamanini, L. 1959. Un nuovo *Carpocoris* dell'Asia orientale (Heteroptera, Pentatomidae). *Ann. Mus. civ. Stor. natur. "Giacomo Doria"*, **71**: 34-40.

Tamanini, L. 1961. In: Stichel, W. 1960-1962. *Illustrierte Bestimmungstabellen der Wanzen. II. Europa (Hemiptera-Heteroptera Europae)*. Vol. 4, H. 1. Pentatomorpha, Aradoidea. Berlin-Hermsdorf, 838 pp.

Tamanini, L. 1962. Contributo allo studio delle *Codophila* (*Antheminia*) con speciale riguardo alle entità dell'Asia (Hem. Het., Pentatomidae). *Notulae entomol.*, **42**: 43-56.

Tang, T.-H. 1935. Family Pentatomidae. In: Wu, C.F. (ed.), *Catalogus Insectorum Sinensis (Catalogue of Chinese Insects)*: 275-382. Fan Memor. Inst. Biol., Peiping.

Thunberg, C.P. 1783. *Dissertatio entomologica novas insectorum species sistens*, 2: 29-52, pl. 2. Edman, Upsala.

Thunberg, C.P. 1822. *Dissertatio entomologica de Hemipteris rostratis Capensisibus*, 2: 1-8. Acad. Typogr., Upsala.

Turton, W. 1802. *A general system of nature, through the three grand kingdoms of animals, vegetables, and minerals; systematically divided into their several classes, orders, genera, species, and varieties, with their habitation, manners, economy, structure, and peculiarities*. Vol. 2, pt. III, 717 pp. Lackington, Allen, and Co., London.

Uhler, P.R. 1860. Hemiptera of the North Pacific exploring expedition under Com'r Rodgers and Ringgold. *Proc. Acad. natur. Sci. Philadelphia*, 1860: 221-231.

Uhler, P.R. 1896. Summary of the Hemiptera of Japan, presented to the United States National Museum by Professor Mitzukuri. *Proc. U. S. nat. Mus.*, 19: 255-297.

Villers, C.J.de. 1789. *Caroli Linnaei entomologia, faunæ suecicæ descriptionibus aucta; DD. Scopoli, Geoffroy, de Geer, Fabricii, Schrank, &c. speciebus vel in systemate non enumeratis, vel nuperrime detectis, vel speciebus Galliae Australis locupletata, generum specierumque rariorum iconibus ornata*. Vol. 1. 24 + 765 pp., 3 pls. Piestre & Delamolliere, Lugduni (= Lyon).

Vollenhoven, S.C.S. van. 1868. Diagnosen van eenige nieuwe soorten van Hemiptera-Heteroptera. *Versl. Meded. k. Akad. Wet. Naturk. Amst.* (2), 2: 172-188.

Wagner, E. 1938. 40. (Hem. Pentatomidae). *Bombus*, 1(4): 9.

Wagner, E. 1960. Die paläarktischen Arten der Gattung *Aelia* Fabricius 1803 (Hem. Het. Pentatomidae). *Z. angew. Entomol.*, 47: 149-195.

Wagner, E. 1965. Die taxonomische Bedeutung des Baues der Genitalien des Männchens bei der Gattung *Sciocoris* Fallén 1829 (Hem.-Het. Pentatomidae). *Acta entomol. Mus. nat. Pragae*, 36: 91-167.

Walker, F. 1867. *Catalogue of the specimens of Hemiptera Heteroptera in the collection of the British Museum*, 1: 1-240. Newman, London.

Walker, F. 1867. *Catalogue of the specimens of heteropterous Hemiptera in the collection of the British Museum*, 2: 241-417. Newman, London.

Walker, F. 1868. *Catalogue of the specimens of Hemiptera Heteroptera in the collection of the British Museum*, 3: 418-599. Newman, London.

Westhoff, F. 1884. Verzeichnis bisher in Westfalen aufgefunder Arten aus der Gruppe: Hemiptera Heteroptera. Dritter Artikel. *Jahresber. Westfal. Provinzial-Ver. Wiss. Kunst*, 12 (1883): 33-46.

Westwood, J.O. 1837. In: Hope, F.W. *A catalogue of Hemiptera in the collection of the Rev. F.W. Hope, M.A. with short Latin diagnoses of the new species*. Pt. 1: 46 pp. London.

Wolff, J.F. 1801. *Abbildungen der Wanzen mit Beschreibungen*, 2: 41-84, pls. 5-8. Palm, Erlangen.

Wolff, J.F. 1804. *Abbildungen der Wanzen mit Beschreibungen*, 4: 127-166, pls. 13-16.

Wolff, J.F. 1811. *Abbildungen der Wanzen mit Beschreibungen*, 5: 167-208, pls. 17-20. Palm, Erlangen.

Wu, C.F. 1933. A preliminary check list of Hemiptera heretofore recorded from Kwantung Province, South China. *Lingnan Sci. J.*, suppl. 12: 203-231.

Xiong, J.-A. 1981. A new species of the genus *Pentatoma* (Hemiptera: Pentatomidae). *Acta entomol. sin.*, 24(4): 417-418.

Xiong, J.-A. & Liu, Q.-A. 1995. Two new species of *Acesines* Stål (Heteroptera: Pentatomidae) from Yunnan, China. *Entomotaxonomia*, 17(4): 263-266.

Xiong, J.-A. & Liu, Q.-A. 1996. Two new species of Pentatomidae from China (Heteroptera: Pentatomidae). *Zool. Res.*, 17(4): 371-375.

Xu, T.-S., Lin, S.S., Lu, R.Q., Rao, A.N. (ed.), Zhang, X.P. (ed.) & Zhu, S.L. 1991a. A study of *Hippota dorsalis* - a serious bamboo pest. *Selected Papers on Recent Bamboo Research in China*, 1991: 229-237. [not seen].

Xu, T.-S., Rao, A.N. (ed.), Zhang, X.P. (ed.) & Zhu, S.L. 1991b. A study on control methods of *Hippota dorsalis*. *Selected Papers on Recent Bamboo Research in China*, 1991: 238-242. [not seen]

Yang, W.-I. 1934. Pentatomidae of Kiangsi, China. *Bull. Fan memor. Inst. Biol., Zool.*, 5(2): 45-136.

Yang, W.-I. 1935. Description on three new species of gen. *Compastes* (Pentatomidae, Hem.-Het.). *Bull. Fan memor. Inst. Biol., Zool.*, 6(3): 98-102.

Yang, W.-I. 1936. Descriptions of two new genera and four new species of Pentatomidae in the collection of Paris Museum. *Chin. J. Zool.*, 2: 147-156.

Yang, W.-I. 1962. *Economic insect fauna of China*: Fasc. 2. Hemiptera Pentatomidae. x + 138 pp., 10 pls. Science Press, Beijing.

Yu, D.-C., Wang, G.-H., Weng, S.-H., Shen, J.-Q. & Yan, X.-L. 1999. Studies on integrated control techniques for *Hippota dorsalis*. *J. Zhejiang Forestry Sci. Technol.*, 19(6): 4345. [not seen].

Zhang, S.-M. & Lin, Y.-J. 1981. Hemiptera: Pentatomidae. *Insects of Xizang*, 1: 133-144. Science Press, Peking.

Zhang, S.-M. & Lin, Y.-J. 1984. In: Lin, Y.-J. & Zhang, S.-M. Three new species of Pentatomidae from Yunnan, China. *Entomotaxonomia*, 6(4): 267-270.

Zhang, S.-M. & Lin, Y.-J. 1985. A new species and a new record of Pentatomidae from Fujian and Jiangxi Provinces, China (order Hemiptera). *Wuyi Sci. J.*, 5: 21-23.

Zhang, S.-M. & Lin, Y.-J. 1987. Heniptera [sic]: Pentatomidae. *Agricultural Insects, Spiders, Plant Diseases and Weeds of Xizang*, 1: 75-83.

Zhang, S.-M. & Lin, Y.-J. 1988. Hemiptera: Plataspidae, Pentatomidae. In: Huang, F.-S. et al. (eds.), *Insects of Mt. Namdagbarwa region of Xizang*: 83-91. Science Press, Beijing.

Zhang, S.-M. & Lin, Y.-J. 1992. Hemiptera: Pentatomidae. In: Chen, S. (ed.), *Insects of the Hengduan mountains region*: 113. Science Press, Beijing. [not seen].

Zhang, S.-M., Lin, Y.-J. & Zhao, S. 1990. A new species of *Prionaca* Dallas from China (Hemiptera: Pentatomidae). *Acta Agric. Univ. Jiangxiensis*, 12: 8-9.

Zhang, S.-M. et al. 1995. *Economic insect fauna of China*, fasc. 50: Hemiptera(2). 169 pp. Science Press, Beijing.

Zheng, L.-Y. 1982. A new species of *Nezara Amyot et Serville* (Heteroptera: Pentatomidae). *Zool. Res.*, 3(suppl.): 121-124.

Zheng, L.-Y. 1983. Notes on genus *Eurydema* from China. *Acta Sci. natur. Univ. Nankaiensis*, 1983(1): 125-130.

Zheng, L.-Y. 1986. New taxa of hemipterous insects found on bamboos from China. *J. Bamboo Res.*, 5(1): 1-7.

Zheng, L.-Y. 1994. In: Zheng, L.-Y. & Yuan, S.-Y. A new species of genus *Homalogonia* Walker (Hemiptera: Pentatomidae). *Zool. Res.*, 15(3): 1-4.

Zheng, L.-Y. & Jin, Q. 1990. A report on Scutelleridae, Tessaratomidae and Pentatomidae from Xizang in the collection of Shanghai Institute of Entomology (Insecta: Hemiptera). *Contr. Shanghai Inst. Entomol.*, 9: 141-149.

Zheng, L.-Y. & Li, J. 1991. A new species of genus *Pentatoma* Olivier found from north eastern China (Hemiptera: Pentatomidae)]. In: Zhou, X.-F. (ed.), *Long-term located research on forest ecosystem*, 1: 313-314. Northeast Forestry University Press, Harbin.

Zheng, L.-Y. & Ling, Z.-P. 1983. Five new species of *Pentatoma* Olivier from China (Heteroptera: Pentatomidae). *Entomotaxonomia*, 5(3): 233-238.

Zheng, L.-Y. & Ling, Z.-P. 1989. A revision of east Asiatic species of genus *Palomena* (Hemiptera: Pentatomidae). *Acta zootaxon. sin.*, 14(3): 309-326.

Zheng, L.-Y. & Liu, G.-Q. 1986. New records and a new species of Halyini from China (Heteroptera: Pentatomidae). *Acta Sci. natur. Univ. Nan Kaitensis*, 2(2): 160-164.

Zheng, L.-Y. & Liu, G.-Q. 1987a. New genus and new species of Pentatomidae from Yunnan, China (Insecta: Hemiptera). *Acta zootaxon. sin.*, 12(2): 181-191.

Zheng, L.-Y. & Liu, G.-Q. 1987b. New genera, new species of Chinese Pentatomidae and a new Chinese record of Scutelleridae (Heteroptera). *Acta zootaxon. sin.*, 12(3): 286-296.

Zheng, L.-Y. & Liu, G.-Q. 1987c. In: Zheng, L.-Y., Liu, G.-Q. & Ling, Z.-P. A survey of hemipterous insects from Mt. Yulong, Yunnan Prov., China. *Entomotaxonomia*, 9(3): 217-225.

Zheng, L.-Y. & Wang, Y.-I. 1995. A new species of the genus *Pentatoma* Olivier (Hemiptera: Pentatomidae) from China. *Entomotaxonomia*, 17(1): 18-20.

Zheng, L.-Y. & Xiong, J. 2001. A new species of *Menida* Motschulsky from China with a redescription of *Menida salvazana* Distant (Hemiptera: Pentatomidae). *Zool. Res.*, 22(3): 216-219.

Zheng, Z.-M. 1982. A new species of Pentatomidae (Heteroptera) from Qinling. *Acta entomol. sin.*, 25(2): 195-196.

Received 20 July 2002